475 Bay Street

STATEN ISLAND, NEW YORK

Subsurface (Phase II) Investigation

AKRF Project Number: 11802

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a Subsurface (Phase II) Investigation at 475 Bay Street (the Site) (Tax Block 488, Lot 9) in Staten Island located to the northeast of the intersection with Congress Street and west of the Staten Island Railroad tracks (see Figures 1 and 2). The Site consists of an approximately 54,000 square foot partially asphalt-paved vacant lot.

The purpose of the investigation was to determine whether former, on-site (or off-site) activities had adversely affected the Site's subsurface. The scope of this investigation was based on URS Corporation's April 2013 *Phase I Environmental Site Assessment* (ESA). The ESA indicated that the Site was vacant by 1991, but had previously contained a lumber yard with associated glazing building, nail storage, and warehouse structures, a coal yard with an associated filling station with three gasoline underground storage tanks (USTs), a sand and gravel company, and a vehicle storage lot.

Field activities, performed on August 20 and 21, 2013, included the advancement of eight borings with the collection of sixteen soil samples and four groundwater samples, and the collection of four soil vapor samples. This report describes the methods and results of the investigation.

2.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Phase I Environmental Site Assessment, 475 Bay Street, Staten Island, NY, AVT Enterprises, 2000

The Phase I ESA assessed the potential for hazardous materials to be present, based on a reconnaissance of the Site and surrounding area, a review of data on geology and hydrology of the area, an examination of historical Sanborn Fire Insurance maps and prior reports, and a review of pertinent federal and state databases. It identified that the site was historically used as a coal yard with a filling station with three gasoline USTs. A magnetometer survey and subsurface investigation were recommended to determine the location of the underground tanks and whether historic uses had affected subsurface conditions.

Phase I Environmental Site Assessment, 475 Bay Street, Staten Island, NY, URS Corporation, April 2013

This Phase I ESA, with a scope similar to the earlier Phase I ESA identified the following:

- A dry cleaning facility was located north-adjacent to the Site by 1937.
- One auto body repair shop located south-adjacent to the Site and numerous others within two-blocks.
- A coal yard located at the Site with structures labeled as coal pockets on the 1937 map.
- A structure identified as a filling station with three potential underground tanks was shown on the western portion of the Site on the 1937 map.

Based on the findings in the Phase I ESAs, AKRF recommended performance of a subsurface (Phase II) investigation, including the collection and laboratory analysis of subsurface samples.

Ground Penetrating Radar (GPR) Survey, 475 Bay Street, Staten Island, NY, Hager-Richter, April 5, 2013

A geophysical investigation, including GPR and magnetometry, was conducted on portions of the Site by Hager-Richter on April 5, 2013. The survey was conducted to investigate the potential presence of underground storage tanks (USTs) or buried aboveground storage tanks (ASTs) and the locations of subsurface utilities. The GPR survey utilized electromagnetic wave propagation and scattering to image and identify changes in electrical and magnetic properties in the ground. Magnetometers measure irregularities in the magnetic field in a given area. A possible buried concrete pad, buried metal, and

utilities were identified during the survey. There were no anomalies consistent with USTs or buried ASTs identified during the survey. Although there were no USTs observed, the reliability of geophysical investigations can vary with subsurface conditions.

3.0 PHYSICAL SETTING AND PROPOSED DEVELOPMENT

The Site is located approximately 16 feet above mean sea level. Based on surface topography, groundwater is expected to flow in a generally easterly direction towards the harbor, which is approximately 600 feet away. Actual groundwater flow direction can be affected by tidal fluctuations, subsurface openings or obstructions such as bulkheads, basements, utilities, and other factors beyond the scope of this study. Groundwater in Staten Island is not a source of potable water.

The Site is slated for redevelopment. The proposed plan includes a 214-unit affordable housing rental building through the New York City Department of Housing Preservation and Development (HPD) and the Housing Development Corporation (HDC). As this project will require a variance, in the interim, it will be used as a commuter parking lot for the displaced Staten Island Ferry parking while the Empire Outlets project is under construction next to the ferry terminal.

4.0 FIELD ACTIVITIES

On-site sampling and drilling activities were conducted on August 20 and 21, 2013 by AKRF personnel and Eastern Environmental Service Corp. (Eastern Environmental) of Manorville, NY. Field activities included the advancement of eight borings with the collection of sixteen soil and four groundwater samples as well as four soil vapor samples at the locations shown on Figure 2.

4.1 Soil and Groundwater Sampling and Analysis

Eastern Environmental advanced eight borings using a track-mounted Geoprobe® direct push probe (DPP). Groundwater was first encountered between approximately six and 15 feet below grade in the borings. Soil cores were collected from the borings in five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Cores was field-screened using a photoionization detector (PID), which measures relative concentrations of VOCs. At each boring location, AKRF field personnel recorded and documented subsurface conditions.

Soil boring SB-1 was advanced to 25 feet below grade and all others were advanced to 20 feet. A temporary one inch PVC well was installed for collection of groundwater samples in borings SB-1 through SB-4. No odors or sheen were observed during groundwater sample collection.

Samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols and were analyzed by Alpha Analytical, a New York State Department of Health (NYSDOH) ELAP-certified laboratory. The samples were analyzed for the following:

- volatile organic compounds (VOCs) by EPA Method 8260;
- semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- TAL metals (total and dissolved for groundwater samples);
- polychlorinated biphenyls (PCBs) by EPA Method 8082; and
- pesticides by EPA Method 8081.

4.2 Soil Vapor Sampling

Four soil vapor sampling points identified as SV-1 through SV-4 were installed using the Geoprobe rig. A two-inch screen implant (probe) with attached dedicated Teflon tubing and threaded fittings was driven to approximately 5.5 feet below grade, and then retracted approximately six inches to create a void. The boring was backfilled with clean silica sand to a depth of five feet below grade, and then hydrated bentonite was used to fill the void around the sampling tubing to grade to prevent short-circuiting of ambient air into the soil gas sampling point.

Prior to sampling, the soil vapor points were purged of three sampler volumes using a peristaltic pump. During purging, an inverted bucket was placed over the sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. The purged vapors were collected into a Tedlar bag and monitored using a Dielectric Technologies Model MGD-2002 portable helium detector to check for short-circuiting of ambient air into the vapor sampling point and verify the adequacy of the bentonite seal. Helium concentrations of less than the NYSDOH threshold value of 10 percent are considered sufficient to verify a tight seal. All soil vapor points passed the seal integrity tests with helium readings of not detected (ND) or less than 10 percent. Purged vapors were also field-screened for VOCs using a PID calibrated with 100 parts per million (ppm) isobutylene.

After purging, the tubing from soil vapor probes SV-1 through SV-4 were connected to laboratory-supplied, batch-certified clean six-liter SUMMA canisters equipped with two-hour flow regulators. Vacuum readings were collected at the start and end of the sampling period. Immediately after opening the Summa® canister, the initial vacuum (inches of mercury) was noted. After approximately two hours, the final vacuum reading (inches of mercury) was noted and the Summa® canister was closed. Soil vapor sample SV-3 was collected over an approximately 10.5 hour sampling period, due to tight pore space. The canisters were labeled and shipped to Alpha Analytical using standard chain-of-custody procedures and were analyzed for VOCs by EPA Method TO-15. Soil vapor sampling logs are provided in Appendix A.

4.3 Field Observations

Soil Sampling

Urban fill materials (including sand with silt, gravel, asphalt, and brick) were observed in borings SB-2 through SB-8 to a depth of up to five feet below grade and in soil boring SB-1 to a depth of 10 feet. Field evidence of contamination, including slightly elevated photoionization detector (PID) readings (a maximum reading of 1.7 ppm), faint petroleum-like odors, and staining were noted: in boring SB-6 from 6 to 10 feet; in SB-7 from 6 to 10 feet; and in SB-8 from 6 to 10 feet. A PID reading of 27 ppm was detected at the surface asphalt layer of SB-1, but odors and staining were not detected. A faint petroleum-like odor and staining were also noted in soil boring SB-1 from 8 to 10 feet below ground surface but no PID readings were detected. Results of the field screening data are provided in the soil boring logs in Appendix A.

Soil Vapor Sampling

No PID readings were detected in the purged vapors from the vapor sampling points SV-1 through SV-4. Helium levels were not detected in the Tedlar bag above background ambient conditions, verifying an adequate surface seal. Field logs of the soil vapor purging and sampling are included in Appendix A.

Groundwater Sampling

Groundwater was first encountered between six and 15 feet below ground surface. No evidence of contamination (e.g., sheen or floating product) was noted in the samples. Groundwater was turbid in all samples.

5.0 FINDINGS

5.1 Soil Analysis Results

Soil laboratory analysis results are summarized in Tables 1 to 4; complete analytical data is in Appendix B.

As the Site will eventually be redevelopment into multi-family residential, results were compared to both the NYSDEC 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs) and Part 375 Soil Cleanup Objectives for Restricted – Residential Use (RRSCOs). The USCOs, which assume long-term exposure to unpaved soils, are overly conservative given both current and potential future long-term exposure; however, they do provide guidance with respect to off-site disposal of excess soil generated during future excavation. The RRSCOs, are a more appropriate (but still highly conservative) comparison as they assume multifamily residences with some potential for soil contact. In reality, long-term exposure to existing soils does not currently occur and would not occur with the anticipated use of the Site in which all existing soil not removed by excavation would be beneath a building, paving or new imported soils used for landscaping.

Volatile Organic Compounds

Sixteen VOCs (1,2,4,5-tetramethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-diethylbenzne, 2-butanone, 4-ethyltoluene, benzene, ethylbenzene, naphthalene, n-propylbenzene, o-xylene, p/m-xylene, p-chlorotoluene, p-isopropyltoluene, sec-butylbenzene, and toluene) were detected in samples SB-1 (7-9), SB-1 (15-17), SB-2 (0-2), SB-2 (18-20), SB-3 (0-2), SB-3 (18-20), SB-4 (7-9), SB-4 (18-20), SB-5 (18-20), SB-6 (7-9), SB-6 (18-20), SB-7 (6-8), SB-7 (18-20), SB-8 (6-8), and SB-8 (18-20), but all at concentrations below USCOs and RRSCOs. Acetone was detected in SB-4 (7-9), SB-7 (6-8), and SB-8 (6-8) at concentrations of 0.12 milligrams per kilogram (mg/kg), 0.055 mg/kg, and 0.16 mg/kg, respectively, all of which are above the USCO of 0.05 mg/kg but below the RRSCO. However, acetone is frequently a laboratory artifact and its reported detection in soil may not actually be correct.

Soil analytical results for VOCs are presented in Table 1.

Semi-Volatile Organic Compounds

No exceedances of USCOs or RRSCOs were identified.

Nineteen SVOCs (2-methylnaphthalene, acenaphthene, acenapththylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluroanthene, biphenyl, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluroanthene, fluorene, ideno(1,2,3,-cd)pyrene, naphthalene, phenathrene, and pyrene) were reported in samples SB-2 (0-2), SB-2 (18-20), SB-3 (0-2), SB-4 (18-20), SB-5 (0-2), SB-7(6-8), SB-7 (18-20), and SB-8 (6-8), all at concentrations below USCOs and RRSCOs. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), a class of compounds found in coal ash and other combustion products (as well as some petroleum products and rubber) and commonly found in urban fill. The PAH concentrations are most likely attributable to the fill material and are not indicative of a spill or release at the Site.

Soil analytical results for SVOCs are presented in Table 2.

Metals

Twenty-two metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, vanadium, and zinc) were detected in at least one of the sixteen soil samples. Eight of the metals (arsenic, barium, chromium, copper, lead, mercury, nickel, and zinc) were detected at concentrations exceeding their respective USCOs with four of these (barium, cadmium, lead, and nickel) RRSCOs also (in one or more of the: SB-1 (15-17), SB-2 (18-20), SB-4 (7-9), SB-5 (0-2), SB-5 (18-20), and SB-7 (6-8)). These exceedances are most likely attributable to fill materials, which often contain highly variable concentrations of metals.

Soil analytical results for metals are presented in Table 3.

Pesticides and PCBs

Aroclor 1242 was detected in sample SB-5 (0-2) at a concentration 0.174 mg/kg, above the USCO of 0.1 mg/kg (for total PCBs) but below the RRSCO of 1 mg/kg (for total PCBs).

At least one of the pesticides 4,4'-DDE and 4,4'-DDT were detected in four of the soil samples at concentrations exceeding USCOs but below RRSCOs (concentrations ranged from an estimated 0.00882 mg/kg to 0.0845 mg/kg).

The detected PCB and pesticides could relate to the fill materials or could be from site use. However, none of the detected concentrations is indicative of a significant release or spill.

Soil analytical results for pesticides and PCBs are presented in Table 4.

5.2 Groundwater Analysis Results

Groundwater analysis results are summarized in Tables 5 to 8, with complete analytical data are in Appendix B.

Laboratory results were compared to NYSDEC *Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards (AWQS) and Guidance Values and Groundwater Effluent Limitations*. It should be noted this is overly conservative as groundwater in Staten Island is not used for potable supply.

Volatile Organic Compounds

Three VOCs were detected in at least one of the samples. Benzene was detected in sample TW-1 with an estimated concentration of 0.23 microgram per liter (ug/L), i.e., below the AWQS of 1 ug/L. Tetrachloroethylene (PCE) was also detected in TW-1 at an estimated concentration of 0.31 ug/L, below the AWQS of 5 ug/L. Trichloroethene (TCE) was detected in both TW-1 and TW-2 at estimated concentrations of 0.43 ug/L and 0.19 ug/L, respectively, below the AWQS of 5 ug/L. Benzene is typically associated with gasoline or other types of petroleum whereas the other compounds are chlorinated solvents typically associated with dry cleaning and many industrial uses. Although benzene was found at a very low level in the soil samples collected from boring SB-1 (i.e,, the same location as TW-1) , PCE and TCE were not detected in any of the soil samples. As such, these groundwater constituents appear most likely to have originated off-site, possibly from the upgradient drycleaner.

Groundwater analytical results for VOCs are presented in Table 5.

Semi-Volatile Organic Compounds

Seventeen SVOCs (2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluroanthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(12,3-cd)pyrene, naphthalene, phenantherene, and pyrene) were detected in samples TW-1 and/or TW-4, six of which were above AWQS in sample TW-1. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno (1,2,3-cd) pyrene were all detected above the AWQS at concentrations ranging from of 0.54 to 1.1 ug/L. Each of these compounds was also detected in soil samples; their presence is likely attributable to the turbidity of the groundwater sample.

Groundwater analytical results for SVOCs are presented in Table 6.

Metals

Twelve metals (barium, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, sodium, and thallium) were detected above AWQS in at least one of the samples (total analysis). Four metals (iron, magnesium, manganese, and sodium) were detected above the AWQS in at least one of the four dissolved (i.e. filtered) samples. Iron, magnesium, manganese, and sodium are naturally occurring and their presence in the groundwater does not represent an environmental concern.

Groundwater analytical results for metals are presented in Table 7.

Pesticides and PCBs

No pesticides or PCBs were detected in the samples. The groundwater analytical results for pesticides and PCBs are presented in Table 8.

5.3 Soil Vapor Analysis Results

Soil vapor analysis results are summarized in Table 9. The complete laboratory analytical data sheets are located in Appendix B.

There are no guidance values for VOCs in soil vapor; however, the results of the soil vapor samples were conservatively compared to indoor air guidelines, specifically the EPA Building Assessment and Survey Evaluation (BASE) 90th percentile value, and the criteria published in the 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, (90th percentile indoor air values from "Table C2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA Canister Method" and NYSDOH Air Guideline Values (AGVs)). These values provide some means of comparison; however, since the guidelines reflect indoor air, the comparison assumes that any soil vapor detected would completely penetrate into a building, a condition that would not be expected to actually occur.

Nineteen VOCs were detected in one or more of the four soil vapor samples 1,2,4-trimethylbenzene, 1,3-butadiene, 2-butanone, 2-hexanone, acetone, benzene, carbon disulfide, carbon tetrachloride, chloroform, cyclohexane, ethanol, ethylbenzene, heptane, isopropanol, n-hexane, o-xylene, p/m-xylene, propylene, PCE, and toluene detected in at least one sample. None exceeded AGVs: PCE was the only compound with an AGV that was detected, at a concentration of 78 micrograms per cubic meter of air ($\mu g/m^3$), whereas the AGV is 100 $\mu g/m^3$.

Soil vapor analytical results for VOCs are presented in Table 9.

6.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the 475 Bay Street Site in Staten Island located to the northeast of the intersection with Congress Street and west of the Staten Island Railroad tracks. The Site consists of an approximately 54,000 square foot partially asphalt-paved vacant lot. The investigation was conducted to determine whether former on-site or off-site activities have adversely affected the site subsurface, and included: the advancement of eight borings with the collection of sixteen soil samples; four groundwater samples, and four soil vapor samples.

Soil encountered in the borings included urban fill materials (including sand with silt, gravel, concrete, brick, and asphalt) and native soil. Groundwater was first encountered at between 6 and 15 feet below grade. Field screening noted evidence of contamination, such as slightly elevated photoionization detector (PID) readings (maximum reading 1.7 ppm), odors, and staining in soil borings SB-1 (6'- 10'), SB-6 (6'- 10'), SB-7 (6'- 10'), and SB-8 (6'- 10').

Soil sample analytical results were compared to NYSDEC 6 NYCRR Part 375 Soil Cleanup Objectives for Unrestricted Use Soil Cleanup Objectives (USCOs) and Part 375 Soil Cleanup Objectives for Restricted – Residential Use (RRSCOs). Groundwater analytical results were compared to NYSDEC Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards (AWQS) and Guidance Values and Groundwater Effluent Limitations.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. There are currently no directly applicable guidance values for VOCs in soil vapor; so soil vapor analytical results were conservatively compared to indoor air criteria published in the 2006 *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, specifically to NYSDOH Air Guideline Values (AGVs) and to background levels of VOCs in outdoor air presented in Appendix C of the Vapor Intrusion Guidance document, including: Upper Fence Limit values from "Table C-1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes," 90th Percentile values from "Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database.

A summary of the analytical results is as follows:

- One VOC (acetone), one Aroclor (1242), two pesticides (DDE and DDT), and eight metals (arsenic, barium, chromium, copper, lead, mercury, nickel, and zinc) were detected in at least one of the soil samples in exceedance of USCOs, but below RRSCOs. Four metals (barium, cadmium, lead, and nickel) were also detected in exceedance of RRSCOs. All of these exceedances were likely attributable to urban fill materials (encountered in the borings) rather than a spill or release.
- Six SVOCs and four dissolved metals were detected in the groundwater samples above their AWQS. As the SVOCs detected above AWQS were also detected in the soil samples, their presence is likely attributable to the turbidity of the samples. In addition, the metals detected above AWQS in the filtered samples are naturally occurring and their presence in the groundwater does not represent an environmental concern.
- Nineteen VOCs were detected in at least one of the four soil vapor samples. None exceeded established AGVs but some were above reported indoor air background levels. PCE was the only compound with an AGV that was detected, at a concentration of 78 micrograms per cubic meter of air (µg/m3), whereas the AGV is 100 µg/m3.

6.1 Recommendations

The investigation identified urban fill materials containing concentrations of pesticides and metals in soil, low levels of SVOCs and metals in groundwater, as well as low levels of VOCs in soil vapor. The

detected levels do not present a significant concern for residential use, assuming implementation of the following:

- As the site is to be redeveloped into an affordable housing complex, a Remedial Action Plan (RAP) and associated Construction Health and Safety Plan (CHASP) should be prepared for implementation during proposed construction and submitted to the New York City Department of Environmental Protection (NYCDEP) for review and approval. The RAP should address requirements for items such as: soil stockpiling, soil disposal and transportation; dust control; contingency measures if petroleum storage tanks or other contamination be unexpectedly encountered; an imported clean soil cap in any landscaped areas, and the need for any vapor control measures such as a vapor barrier beneath the foundation. The CHASP should include measures for worker and community protection, including personal protective equipment, dust control, air monitoring, and emergency response procedures.
- Soil and fill materials excavated as part of site development activities should be properly handled and managed in accordance with applicable regulations. Transportation of material leaving the site for off-site disposal must be in accordance with federal, state and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- Evidence of potential weathered petroleum was identified during field screening. During Site redevelopment, any unexpectedly encountered USTs should be properly closed and removed, along with any associated petroleum contaminated soil. The closure should be performed in accordance with applicable regulations, including NYSDEC tank registration and spill reporting regulations.

7.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report may contain conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses may have been performed for specific parameters during the course of this investigation, as summarized in the text and tables. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines or background values, are not opinions that these comparisons are legally applicable. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage and disposal of known or potentially contaminated materials is subject to all applicable laws, which may or may not be fully described as part of this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the project site. Waste(s) generated at the site including excess fill may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined beforehand as the data provided in this report may be insufficient and could vary following additional sampling.

This report may be based solely or partially on data collected, conducted, and provided by, AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by BFC Partners. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

8.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Conclusions, Recommendations, and Limitations Sections (Sections 6.0 and 7.0), the issue of appropriate management of off-site disposal of soil warrants careful consideration. Any material being disposed of off-site is a regulated waste, and disposal must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal and state requirements (sometimes in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other 'clearly contaminated' materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called "historic or urban fill" or "construction and demolition debris" or material that may have been formerly identified as "clean fill") that present the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most of the excavated material is considered "contaminated" for purposes of waste disposal. Concentrations of the various contaminants in historic fill can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than outlined in this investigation. Portions of this material could be classified as hazardous waste.

It is important that the intended disposal facility (or facilities) be identified in advance of off-site disposal. Agency approval is sometimes required for disposal, and the facility will frequently require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and sometimes numerous other parameters (related to size, percentage of liquids, presence of odors, etc.) for acceptance at the facility. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend that professional advice be sought prior to preparing bid documents and contracts incorporating soil disposal.

9.0 REFERENCES

1. U.S. Geological Survey, *Jersey City, New Jersey - New Jersey Quadrangle*, 7.5 minute Series (Topographic), Scale 1:24,000, 1981.

2. Phase I Environmental Site Assessment, 475 Bay Street, Staten Island, NY, AVT Enterprises, 2000.

3. Phase I Environmental Site Assessment, 475 Bay Street, Staten Island, NY, URS Corporation, April 2013.

TABLES

Table 1
475 Bay Street
Staten Island, NY
Subsurface Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-1 (7-9)	SB-1 (15-17)	SB-2 (0-2)	SB-2 (18-20)	SB-3 (0-2)	SB-3 (18-20)	SB-4 (7-9)	SB-4 (18-20)	SB-5 (0-2)	SB-5 (18-20)	SB-6 (7-9)	SB-6 (18-20)	SB-7 (6-8)	SB-7 (18-20)	SB-8 (6-8)	SB-8 (18-20)
Lab Sample ID	Part 375	Part 375	L1316206-01	L1316206-02	L1316206-03	L1316206-04	L1316206-05	L1316206-06	L1316206-07	L1316206-08	L1316206-13	L1316206-14	L1316298-01	L1316298-02	L1316298-03	L1316298-04	L1316298-05	L1316298-06
Date Sampled	Unrestricted	Restricted	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013
Dilution	SCO	Residential SCO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1
mg/kg	mg/kg	mg/kg																
1,1,1,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0017 U	0.0018 U	0.0016 U	0.002 U	0.0016 U	0.0018 U	0.0021 U	0.0017 U	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0096 U	0.0017 U
1,1-Dichloroethane	0.27	26	0.0017 U	0.0018 U	0.0016 U	0.002 U	0.0016 U	0.0018 U	0.0021 U	0.0017 U	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0096 U	0.0017 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
1,1-Dichloropropene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,2,3-Trichlorobenzene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,2,3-Trichloropropane	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
1,2,4,5-Tetramethylbenzene	NS	NS	0.0046 U	0.0048 U	0.0018 J	0.0054 U	0.0044 U	0.0047 U	0.0057 U	0.0046 U	0.0063 U	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0045 U	0.0075 J	0.0046 U
1,2,4-Trichlorobenzene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,2,4-Trimethylbenzene	3.6	52	0.0058 U	0.006 U	0.0031 J	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.011 J	0.0058 U
1,2-Dibromo-3-chloropropane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,2-Dibromoethane	NS	NS	0.0046 U	0.0048 U	0.0043 U	0.0054 U	0.0044 U	0.0047 U	0.0057 U	0.0046 U	0.0063 U	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0045 U	0.026 U	0.0046 U
1,2-Dichlorobenzene	1.1	100	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.004 U	0.0042 U	0.0037 U	0.0047 U	0.0038 U	0.0041 U	0.005 U	0.004 U	0.0056 U	0.0039 U	0.004 U	0.004 U	0.004 U	0.004 U	0.022 U	0.004 U
1,3,5-Trimethylbenzene	8.4	52	0.0058 U	0.006 U	0.00091 J	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0062 J	0.0058 U
1,3-Dichlorobenzene	2.4	49	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,3-Dichloropropane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,4-Dichlorobenzene	1.8	13	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
1,4-Diethylbenzene	NS	NS	0.0046 U	0.0048 U	0.0026 J	0.0054 U	0.0044 U	0.0047 U	0.0057 U	0.0046 U	0.0063 U	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0045 U	0.0079 J	0.0046 U
1,4-Dioxane	0.1	13	0.12 U	0.12 U	0.11 U	0.13 U	0.11 U	0.12 U	0.14 U	0.11 U	0.16 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.64 U	0.12 U
2,2-Dichloropropane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
2-Butanone	0.12	100	0.012 U	0.003 J	0.011 U	0.013 U	0.011 U	0.0051 J	0.019	0.011 U	0.016 U	0.011 U	0.002 J	0.0061 J	0.011	0.0057 J	0.043 J	0.0018 J
2-Hexanone	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
4-Ethyltoluene	NS	NS	0.0046 U	0.0048 U	0.0023 J	0.0054 U	0.0044 U	0.0047 U	0.0057 U	0.0046 U	0.0063 U	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0045 U	0.0047 J	0.0046 U
4-Methyl-2-pentanone	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Acetone	0.05	100	0.009 J	0.018	0.011 U	0.013 U	0.0055 J	0.025	**0.12**	0.0072 J	0.016 U	0.0046 J	0.011	0.032	**0.055**	0.031	**0.16**	0.0069 J
Acrylonitrile	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Benzene	0.06	4.8	0.0012 U	0.00034 J	0.0011 U	0.0013 U	0.00031 J	0.00033 J	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0014	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Bromobenzene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Bromochloromethane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Bromodichloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Bromoform	NS	NS	0.0046 U	0.0048 U	0.0043 U	0.0054 U	0.0044 U	0.0047 U	0.0057 U	0.0046 U	0.0063 U	0.0045 U	0.0046 U	0.0046 U	0.0045 U	0.0045 U	0.026 U	0.0046 U
Bromomethane	NS	NS	0.0023 U	0.0024 U	0.0021 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.013 U	0.0023 U
Carbon disulfide	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Carbon tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Chloroethane	NS	NS	0.0023 U	0.0024 U	0.0021 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.013 U	0.0023 U
Chloroform	0.37	49	0.0017 U	0.0018 U	0.0016 U	0.002 U	0.0016 U	0.0018 U	0.0021 U	0.0017 U	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0096 U	0.0017 U
Chloromethane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
cis-1,2-Dichloroethene	0.25	100	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Dibromomethane	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Dichlorodifluoromethane	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Ethyl ether	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Ethylbenzene	1	41	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.005 J	0.0012 U
Hexachlorobutadiene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Isopropylbenzene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Methyl tert butyl ether	0.93	100	0.0023 U	0.0024 U	0.0021 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.013 U	0.0023 U
Methylene chloride	0.05	100	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Naphthalene	12	100	0.0058 U	0.006 U	0.00079 J	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0015 J	0.0057 U	9.8	0.031
n-Butylbenzene	12	100	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
n-Propylbenzene	3.9	100	0.0012 U	0.0012 U	0.014	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
o-Chlorotoluene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
o-Xylene	0.26	100	0.0023 U	0.0024 U	0.00038 J	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0054 J	0.0023 U
p/m-Xylene	0.26	100	0.0023 U	0.0024 U	0.0053 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0067 J	0.0023 U
p-Chlorotoluene	NS	NS	0.0058 U	0.006 U	0.00038 J	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
p-Isopropyltoluene	NS	NS	0.0012 U	0.0012 U	0.00039 J	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.049	0.0011 U	0.0011 U	0.0064 U	0.0012 U
sec-Butylbenzene	11	100	0.0012 U	0.0012 U	0.00047 J	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Styrene	NS	NS	0.0023 U	0.0024 U	0.0021 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.013 U	0.0023 U
tert-Butylbenzene	5.9	100	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Tetrachloroethene	1.3	19	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Toluene	0.7	100	0.0017 U	0.00038 J	0.00028 J	0.0003 J	0.00025 J	0.00048 J	0.0004 J	0.00034 J	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0096 U	0.0017 U
trans-1,2-Dichloroethene	0.19	100	0.0017 U	0.0018 U	0.0016 U	0.002 U	0.0016 U	0.0018 U	0.0021 U	0.0017 U	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0096 U	0.0017 U
trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
trans-1,4-Dichloro-2-butene	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Trichloroethene	0.47	21	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0011 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0064 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0058 U	0.006 U	0.0053 U	0.0067 U	0.0055 U	0.0059 U	0.0071 U	0.0057 U	0.0079 U	0.0056 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.032 U	0.0058 U
Vinyl acetate	NS	NS	0.012 U	0.012 U	0.011 U	0.013 U	0.011 U	0.012 U	0.014 U	0.011 U	0.016 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.064 U	0.012 U
Vinyl chloride	0.02	0.9	0.0023 U	0.0024 U	0.0021 U	0.0027 U	0.0022 U	0.0023 U	0.0028 U	0.0023 U	0.0032 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.013 U	0.0023 U

Table 2
475 Bay Street
Staten Island, NY
Subsurface Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-1 (7-9)	SB-1 (15-17)	SB-2 (0-2)	SB-2 (18-20)	SB-3 (0-2)	SB-3 (18-20)	SB-4 (7-9)	SB-4 (18-20)	SB-5 (0-2)	SB-5 (18-20)	SB-6 (7-9)	SB-6 (18-20)	SB-7 (6-8)	SB-7 (18-20)	SB-8 (6-8)	SB-8 (18-20)
Lab Sample ID			L1316206-01	L1316206-02	L1316206-03	L1316206-04	L1316206-05	L1316206-06	L1316206-07	L1316206-08	L1316206-13	L1316206-14	L1316298-01	L1316298-02	L1316298-03	L1316298-04	L1316298-05	L1316298-06
Date Sampled			8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013
mg/kg	mg/kg	mg/gk																
1,2,4,5-Tetrachlorobenzene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
1,2,4-Trichlorobenzene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
1,2-Dichlorobenzene	1.1	100	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
1,3-Dichlorobenzene	2.4	49	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
1,4-Dichlorobenzene	1.8	13	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2,4,5-Trichlorophenol	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2,4,6-Trichlorophenol	NS	NS	0.11 U	0.12 U	0.1 U	0.13 U	0.11 U	0.11 U	0.14 U	0.11 U	0.16 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
2,4-Dichlorophenol	NS	NS	0.17 U	0.18 U	0.16 U	0.2 U	0.16 U	0.17 U	0.21 U	0.17 U	0.23 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.19 U	0.17 U
2,4-Dimethylphenol	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2,4-Dinitrophenol	NS	NS	0.9 U	0.95 U	0.83 U	1.1 U	0.88 U	0.91 U	1.1 U	0.9 U	1.2 U	0.88 U	0.9 U	0.89 U	0.88 U	0.89 U	1 U	0.91 U
2,4-Dinitrotoluene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2,6-Dinitrotoluene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2-Chloronaphthalene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2-Chlorophenol	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2-Methylnaphthalene	NS	NS	0.22 U	0.24 U	0.21 U	0.26 U	0.32	0.23 U	0.28 U	0.22 U	0.31 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 U	0.23 U
2-Methylphenol	0.33	100	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2-Nitroaniline	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
2-Nitrophenol	NS	NS	0.4 U	0.43 U	0.37 U	0.48 U	0.4 U	0.41 U	0.5 U	0.41 U	0.56 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.45 U	0.41 U
3,3'-Dichlorobenzidine	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
3-Methylphenol/4-Methylphenol	0.33	100	0.27 U	0.29 U	0.25 U	0.32 U	0.26 U	0.27 U	0.34 U	0.27 U	0.37 U	0.26 U	0.27 U	0.27 U	0.26 U	0.27 U	0.3 U	0.27 U
3-Nitroaniline	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
4,6-Dinitro-o-cresol	NS	NS	0.49 U	0.52 U	0.45 U	0.57 U	0.48 U	0.49 U	0.61 U	0.49 U	0.68 U	0.48 U	0.49 U	0.48 U	0.48 U	0.48 U	0.54 U	0.49 U
4-Bromophenyl phenyl ether	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
4-Chloroaniline	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
4-Chlorophenyl phenyl ether	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
4-Nitroaniline	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
4-Nitrophenol	NS	NS	0.26 U	0.28 U	0.24 U	0.31 U	0.26 U	0.26 U	0.33 U	0.26 U	0.36 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	0.26 U
Acenaphthene	20	100	0.15 U	0.16 U	0.14 U	0.18 U	0.057 J	0.15 U	0.19 U	0.15 U	0.21 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U
Acenaphthylene	100	100	0.15 U	0.16 U	0.094 J	0.18 U	0.6	0.15 U	0.19 U	0.15 U	0.21 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U
Acetophenone	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Anthracene	100	100	0.11 U	0.12 U	0.14	0.13 U	0.36	0.11 U	0.14 U	0.031 J	0.16 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.067 J	0.11 U
Benzo(a)anthracene	1	1	0.11 U	0.12 U	0.47	0.13 U	0.46	0.11 U	0.14 U	0.054 J	0.12 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15	0.11 U
Benzo(a)pyrene	1	1	0.15 U	0.16 U	0.45	0.18 U	0.35	0.15 U	0.19 U	0.05 J	0.13 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17	0.15 U
Benzo(b)fluoranthene	1	1	0.11 U	0.12 U	0.58	0.13 U	0.49	0.11 U	0.14 U	0.06 J	0.18	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.19	0.11 U
Benzo(ghi)perylene	100	100	0.15 U	0.16 U	0.26	0.18 U	0.18	0.15 U	0.19 U	0.15 U	0.11 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 J	0.15 U
Benzo(k)fluoranthene	0.8	3.9	0.11 U	0.12 U	0.24	0.13 U	0.14	0.11 U	0.14 U	0.11 U	0.069 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.084 J	0.11 U
Benzoic Acid	NS	NS	0.61 U	0.64 U	0.56 U	0.72 U	0.59 U	0.61 U	0.76 U	0.61 U	0.84 U	0.6 U	0.61 U	0.6 U	0.6 U	0.6 U	0.68 U	0.61 U
Benzyl Alcohol	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Biphenyl	NS	NS	0.43 U	0.45 U	0.4 U	0.5 U	0.074 J	0.43 U	0.53 U	0.43 U	0.59 U	0.42 U	0.43 U	0.42 U	0.42 U	0.42 U	0.48 U	0.43 U
Bis(2-chloroethoxy)methane	NS	NS	0.2 U	0.21 U	0.19 U	0.24 U	0.2 U	0.2 U	0.25 U	0.2 U	0.28 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U
Bis(2-chloroethyl)ether	NS	NS	0.17 U	0.18 U	0.16 U	0.2 U	0.16 U	0.17 U	0.21 U	0.17 U	0.23 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.19 U	0.17 U
Bis(2-chloroisopropyl)ether	NS	NS	0.22 U	0.24 U	0.21 U	0.26 U	0.22 U	0.23 U	0.28 U	0.22 U	0.31 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 U	0.23 U
Bis(2-Ethylhexyl)phthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Butyl benzyl phthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Carbazole	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Chrysene	1	3.9	0.11 U	0.12 U	0.51	0.13 U	0.59	0.11 U	0.14 U	0.056 J	0.14 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15	0.11 U
Dibenzo(a,h)anthracene	0.33	0.33	0.11 U	0.12 U	0.074 J	0.13 U	0.06 J	0.11 U	0.14 U	0.11 U	0.16 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
Dibenzofuran	7	59	0.19 U	0.2 U	0.17 U	0.22 U	0.11 J	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Diethyl phthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Dimethyl phthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Di-n-butylphthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Di-n-octylphthalate	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Fluoranthene	100	100	0.11 U	0.12 U	0.98	0.13 U	1.1	0.11 U	0.14 U	0.14	0.21	0.11 U	0.11 U	0.11 U	0.051 J	0.049 J	0.38	0.11 U
Fluorene	30	100	0.19 U	0.2 U	0.17 U	0.22 U	0.22	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Hexachlorobenzene	0.33	1.2	0.11 U	0.12 U	0.1 U	0.13 U	0.11 U	0.11 U	0.14 U	0.11 U	0.16 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
Hexachlorobutadiene	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Hexachlorocyclopentadiene	NS	NS	0.54 U	0.57 U	0.5 U	0.63 U	0.52 U	0.54 U	0.67 U	0.54 U	0.74 U	0.53 U	0.54 U	0.53 U	0.53 U	0.53 U	0.6 U	0.54 U
Hexachloroethane	NS	NS	0.15 U	0.16 U	0.14 U	0.18 U	0.15 U	0.15 U	0.19 U	0.15 U	0.21 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.15 U	0.16 U	0.33	0.18 U	0.19	0.15 U	0.19 U	0.15 U	0.11 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.13 J	0.15 U
Isophorone	NS	NS	0.17 U	0.18 U	0.16 U	0.2 U	0.16 U	0.17 U	0.21 U	0.17 U	0.23 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.19 U	0.17 U
Naphthalene	12	100	0.19 U	0.2 U	0.17 U	0.22 U	0.34	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Nitrobenzene	NS	NS	0.17 U	0.18 U	0.16 U	0.2 U	0.16 U	0.17 U	0.21 U	0.17 U	0.23 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.19 U	0.17 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	0.15 U	0.16 U	0.14 U	0.18 U	0.15 U	0.15 U	0.19 U	0.15 U	0.21 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U
n-Nitrosodi-n-propylamine	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
P-Chloro-M-Cresol	NS	NS	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Pentachlorophenol	0.8	6.7	0.15 U	0.16 U	0.14 U	0.18 U	0.15 U	0.15 U	0.19 U	0.15 U	0.21 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.17 U	0.15 U
Phenanthrene	100	100	0.11 U	0.12 U	0.47	0.083 J	0.87	0.11 U	0.14 U	0.14	0.051 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.24	0.11 U
Phenol	0.33	100	0.19 U	0.2 U	0.17 U	0.22 U	0.18 U	0.19 U	0.23 U	0.19 U	0.26 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.21 U	0.19 U
Pyrene	100	100	0.11 U	0.12 U	0.99	0.13 U	1.6	0.11 U	0.14 U	0.13	0.2	0.11 U	0.11 U	0.11 U	0.045 J	0.044 J	0.33	0.11 U

Table 3
475 Bay Street
Staten Island, NY
Subsurface Investigation Soil Analytical Results
Metals

Client ID	NYSDEC	NYSDEC	SB-1 (7-9)	SB-1 (15-17)	SB-2 (0-2)	SB-2 (18-20)	SB-3 (0-2)	SB-3 (18-20)	SB-4 (7-9)	SB-4 (18-20)	SB-5 (0-2)	SB-5 (18-20)	SB-6 (7-9)	SB-6 (18-20)	SB-7 (6-8)	SB-7 (18-20)	SB-8 (6-8)	SB-8 (18-20)
Lab Sample ID	Part 375	Part 375	L1316206-01	L1316206-02	L1316206-03	L1316206-04	L1316206-05	L1316206-06	L1316206-07	L1316206-08	L1316206-13	L1316206-14	L1316298-01	L1316298-02	L1316298-03	L1316298-04	L1316298-05	L1316298-06
Date Sampled	Unrestricted	Restricted	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013
Dilution	SCO	Residential SCO	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *	2/1 *
mg/kg	mg/kg	mg/kg																
Aluminum	**NS**	**NS**	5,900	2,400	3,000	6,000	3,900	4,500	11,000	2,500	7,500	2,400	5,500	3,700	4,200	2,800	5,600	4,800
Antimony	**NS**	**NS**	4.4 U	4.6 U	4 U	5.1 U	4.2 U	4.4 U	5.4 U	4.3 U	4.6 J	4.4 U	4.4 U	4.4 U	3.4 J	4.4 U	5 U	4.5 U
Arsenic	**13**	**16**	5.5	2.6	2.5	7.4	8.6	2.1	5.6	0.99	**15**	2.5	2.6	1.3	2.6	1.4	5.9	1.7
Barium	**350**	**400**	52	22	33	48	54	30	120	26	**950**	21	43	28	41	22	160	41
Beryllium	**7.2**	**72**	0.31 J	0.13 J	0.15 J	0.37 J	0.19 J	0.27 J	0.55	0.16 J	0.39 J	0.14 J	0.36 J	0.24 J	0.29 J	0.23 J	0.35 J	0.36 J
Cadmium	**2.5**	**4.3**	0.47 J	0.8 J	0.31 J	1.3	0.41 J	0.34 J	0.61 J	0.22 J	**11**	0.6 J	0.41 J	0.28 J	0.53 J	0.26 J	0.76 J	0.44 J
Calcium	**NS**	**NS**	3,800	1,600	3,200	3,500	6,700	2,500	3,400	3,000	21,000	2,700	1,300	680	3,200	840	2,300	1,500
Chromium	**30**	**180**	29	**46**	14	**98**	13	25	**55**	11	**44**	**72**	21	13	22	16	30	15
Cobalt	**NS**	**NS**	18	58	6	86	8.8	14	30	5	12	34	12	6.2	17	7.1	23	12
Copper	**50**	**270**	27	13	20	27	30	27	48	14	**160**	10	32	23	42	19	**55**	**55**
Iron	**NS**	**NS**	19,000	32,000	10,000	49,000	16,000	15,000	24,000	8,800	18,000	23,000	14,000	9,800	17,000	9,800	17,000	17,000
Lead	**63**	**400**	38	8.8	38	12	**86**	7.5	**160**	4.8	**5,800**	51	12	5.7	41	6.3	**380**	9
Magnesium	**NS**	**NS**	15,000	76,000	2,700	46,000	2,400	4,500	15,000	2,700	13,000	49,000	5,500	2,800	23,000	4,400	13,000	3,400
Manganese	**1,600**	**2,000**	230	580	140	890	130	270	290	840	330	430	230	200	360	380	340	310
Mercury	**0.18**	**0.81**	0.08 U	0.09 U	0.02 J	0.09 U	**0.28**	0.09 U	**0.19**	0.09 U	**0.45**	0.08 U	0.08 U	0.07 U	0.09 U	0.08 U	**0.19**	0.08 U
Nickel	**30**	**310**	**260**	**1,200**	**56**	**1,500**	**50**	**190**	**430**	**48**	**140**	**660**	**120**	**69**	**360**	**110**	**310**	**97**
Potassium	**NS**	**NS**	1,100	590	430	1,100	520	610	1,200	490	500	440	1,300	520	1,000	440	630	580
Selenium	**3.9**	**180**	1.8 U	1.8 U	1.6 U	2 U	0.48 J	1.8 U	2.2 U	1.7 U	0.59 J	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1 J	1.8 U
Silver	**2**	**180**	0.88 U	0.93 U	0.81 U	1 U	0.85 U	0.88 U	1.1 U	0.86 U	0.58 J	0.88 U	0.87 U	0.89 U	0.89 U	0.88 U	1 U	0.9 U
Sodium	**NS**	**NS**	460	90 J	97 J	140 J	280	95 J	120 J	60 J	180 J	79 J	110 J	57 J	100 J	100 J	370	270
Thallium	**NS**	**NS**	1.8 U	1.8 U	1.6 U	2 U	1.7 U	1.8 U	2.2 U	1.7 U	2.5 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U
Vanadium	**NS**	**NS**	22	11	19	25	21	18	29	14	32	11	24	16	20	14	18	34
Zinc	**109**	**10,000**	42	25	44	98	**130**	53	100	58	**2,600**	72	32	19	48	17	**180**	32

Note: * = The second Dilution Rate is for Mercury.

Table 4
475 Bay Street
Staten Island, NY
Subsurface Investigation Soil Analytical Results
Poychloinated Biphenyls (PCBs) and Pesticides

Client ID	NYSDEC	NYSDEC	SB-1 (7-9)	SB-1 (15-17)	SB-2 (0-2)	SB-2 (18-20)	SB-3 (0-2)	SB-3 (18-20)	SB-4 (7-9)	SB-4 (18-20)	SB-5 (0-2)	SB-5 (18-20)	SB-6 (7-9)	SB-6 (18-20)	SB-7 (6-8)	SB-7 (18-20)	SB-8 (6-8)	SB-8 (18-20)
Lab Sample ID	Part 375	Part 375	L1316206-01	L1316206-02	L1316206-03	L1316206-04	L1316206-05	L1316206-06	L1316206-07	L1316206-08	L1316206-13	L1316206-14	L1316298-01	L1316298-02	L1316298-03	L1316298-04	L1316298-05	L1316298-06
Date Sampled	Unrestricted	Restricted	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/20/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013	8/21/2013
Dilution	SCO	Residential SCO	1	1	1	1	1/20 *	1	1/20 *	1	1/10 *	1/20 *	1	1	1	1	1/20 *	1
Polychlorinated Biphenyls - mg/kg	mg/kg	mg/kg																
Aroclor 1016	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1221	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1232	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1242	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.174	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1248	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1254	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1260	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1262	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Aroclor 1268	NS	NS	0.0378 U	0.0392 U	0.0342 U	0.0435 U	0.0363 U	0.0386 U	0.0465 U	0.0369 U	0.0523 U	0.0357 U	0.0371 U	0.0366 U	0.0373 U	0.0372 U	0.0408 U	0.0362 U
Total PCBs	**0.1**	**1**	ND	ND	ND	ND	ND	ND	ND	ND	**0.174**	ND	ND	ND	ND	ND	ND	ND
Pesticides - mg/kg																		
4,4'-DDD	**0.0033**	**13**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
4,4'-DDE	**0.0033**	**8.9**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	**0.0113** J	0.0018 U	0.0251 U	**0.00882** J	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
4,4'-DDT	**0.0033**	**7.9**	0.00345 U	0.00344 U	0.00306 U	0.00398 U	**0.0845**	0.00343 U	**0.0646** J	0.00337 U	**0.0537**	**0.0459** J	0.00325 U	0.0034 U	0.00326 U	0.00332 U	0.0761 U	0.00338 U
Aldrin	**0.005**	**0.097**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Alpha-BHC	**0.02**	**0.48**	0.000768 U	0.000765 U	0.00068 U	0.000885 U	0.0143 U	0.000763 U	0.0188 U	0.00075 U	0.0104 U	0.0147 U	0.000723 U	0.000755 U	0.000725 U	0.000737 U	0.0169 U	0.000752 U
Beta-BHC	**0.036**	**0.36**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Chlordane	**0.094**	**4.2**	0.015 U	0.0149 U	0.0133 U	0.0172 U	0.28 U	0.0149 U	0.366 U	0.0146 U	0.204 U	0.287 U	0.0141 U	0.0147 U	0.0141 U	0.0144 U	0.33 U	0.0146 U
cis-Chlordane	**0.094**	**4.2**	0.0023 U	0.0023 U	0.00204 U	0.00265 U	0.043 U	0.00229 U	0.0563 U	0.00225 U	0.0313 U	0.0441 U	0.00217 U	0.00227 U	0.00217 U	0.00221 U	0.0507 U	0.00226 U
Delta-BHC	**0.04**	**100**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Dieldrin	**0.005**	**0.2**	0.00115 U	0.00115 U	0.00102 U	0.00133 U	0.0215 U	0.00114 U	0.0282 U	0.00112 U	0.0157 U	0.0221 U	0.00108 U	0.00113 U	0.00109 U	0.0011 U	0.0254 U	0.00113 U
Endosulfan I	**2.4**	**24**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Endosulfan II	**2.4**	**24**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Endosulfan sulfate	**2.4**	**24**	0.000768 U	0.000765 U	0.00068 U	0.000885 U	0.0143 U	0.000763 U	0.0188 U	0.00075 U	0.0104 U	0.0147 U	0.000723 U	0.000755 U	0.000725 U	0.000737 U	0.0169 U	0.000752 U
Endrin	**0.014**	**11**	0.000768 U	0.000765 U	0.00068 U	0.000885 U	0.0143 U	0.000763 U	0.0188 U	0.00075 U	0.0104 U	0.0147 U	0.000723 U	0.000755 U	0.000725 U	0.000737 U	0.0169 U	0.000752 U
Endrin ketone	**NS**	**NS**	0.00184 U	0.00184 U	0.00163 U	0.00212 U	0.0344 U	0.00183 U	0.0451 U	0.0018 U	0.0251 U	0.0353 U	0.00173 U	0.00181 U	0.00174 U	0.00177 U	0.0406 U	0.0018 U
Heptachlor	**0.042**	**2.1**	0.000921 U	0.000918 U	0.000816 U	0.00106 U	0.0172 U	0.000915 U	0.0225 U	0.000899 U	0.0125 U	0.0176 U	0.000867 U	0.000906 U	0.00087 U	0.000885 U	0.0203 U	0.000902 U
Heptachlor epoxide	**NS**	**NS**	0.00345 U	0.00344 U	0.00306 U	0.00398 U	0.0646 U	0.00343 U	0.0845 U	0.00337 U	0.047 U	0.0662 U	0.00325 U	0.0034 U	0.00326 U	0.00332 U	0.0761 U	0.00338 U
Lindane	**0.1**	**1.3**	0.000768 U	0.000765 U	0.00068 U	0.000885 U	0.0143 U	0.000763 U	0.0188 U	0.00075 U	0.0104 U	0.0147 U	0.000723 U	0.000755 U	0.000725 U	0.000737 U	0.0169 U	0.000752 U
Methoxychlor	**NS**	**NS**	0.00345 U	0.00344 U	0.00306 U	0.00398 U	0.0646 U	0.00343 U	0.0845 U	0.00337 U	0.047 U	0.0662 U	0.00325 U	0.0034 U	0.00326 U	0.00332 U	0.0761 U	0.00338 U
Toxaphene	**NS**	**NS**	0.0345 U	0.0344 U	0.0306 U	0.0398 U	0.646 U	0.0343 U	0.845 U	0.0337 U	0.47 U	0.662 U	0.0325 U	0.034 U	0.0326 U	0.0332 U	0.761 U	0.0338 U
trans-Chlordane	**NS**	**NS**	0.0023 U	0.0023 U	0.00204 U	0.00265 U	0.043 U	0.00229 U	0.0563 U	0.00225 U	0.0313 U	0.0441 U	0.00217 U	0.00227 U	0.00217 U	0.00221 U	0.0507 U	0.00226 U

Note: * = The second Dilution Rate is for Pesticides.

Table 5
475 Bay Street
Staten Island, NY
Subsurface Investigation Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/L	NYSDEC Class GA Ambient Standard µg/L	TW-1 L1316206-09 8/20/2013	TW-2 L1316206-10 8/20/2013	TW-3 L1316206-11 8/20/2013	TW-4 L1316206-12 8/20/2013	TB L1316298-07 8/21/2013
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethylbenzene	NS	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane	NS	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U
4-Ethyltoluene	NS	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U
Acrylonitrile	5	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.23 J	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U
Ethyl ether	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylene chloride	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	0.31 J	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	5	0.43 J	0.19 J	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl acetate	NS	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U

Table 6
475 Bay Street
Staten Island, NY
Subsurface Investigation GroundwaterAnalytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/L	NYSDEC Class GA Ambient Standard µg/L	TW-1 L1316206-09 8/20/2013	TW-2 L1316206-10 8/20/2013	TW-3 L1316206-11 8/20/2013	TW-4 L1316206-12 8/20/2013
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	NS	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	NS	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	50	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	5 U	5 U	5 U	5 U
2-Chloronaphthalene	10	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	NS	2 U	2 U	2 U	2 U
2-Methylnaphthalene	NS	0.08 J	0.2 U	0.2 U	0.2 U
2-Methylphenol	NS	5 U	5 U	5 U	5 U
2-Nitroaniline	5	5 U	5 U	5 U	5 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	5 U	5 U	5 U	5 U
3-Methylphenol/4-Methylphenol	NS	5 U	5 U	5 U	5 U
3-Nitroaniline	5	5 U	5 U	5 U	5 U
4,6-Dinitro-o-cresol	NS	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	NS	2 U	2 U	2 U	2 U
4-Chloroaniline	5	5 U	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	NS	2 U	2 U	2 U	2 U
4-Nitroaniline	5	5 U	5 U	5 U	5 U
4-Nitrophenol	NS	10 U	10 U	10 U	10 U
Acenaphthene	20	0.12 J	0.2 U	0.2 U	0.07 J
Acenaphthylene	NS	0.19 J	0.2 U	0.2 U	0.2 U
Acetophenone	NS	5 U	5 U	5 U	5 U
Anthracene	50	0.34	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	0.002	**0.93**	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	ND	**0.87**	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	0.002	**1**	0.2 U	0.2 U	0.2 U
Benzo(ghi)perylene	NS	0.62	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	0.002	**0.46**	0.2 U	0.2 U	0.2 U
Benzoic Acid	NS	50 U	50 U	50 U	50 U
Benzyl Alcohol	NS	2 U	2 U	2 U	2 U
Biphenyl	5	2 U	2 U	2 U	2 U
Bis(2-chloroethoxy)methane	5	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	1	2 U	2 U	2 U	2 U
Bis(2-chloroisopropyl)ether	NS	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl)phthalate	5	3 U	3 U	3 U	3 U
Butyl benzyl phthalate	50	5 U	5 U	5 U	5 U
Carbazole	NS	2 U	2 U	2 U	2 U
Chrysene	0.002	**1.1**	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	NS	0.15 J	0.2 U	0.2 U	0.2 U
Dibenzofuran	NS	2 U	2 U	2 U	2 U
Diethyl phthalate	50	5 U	5 U	5 U	5 U
Dimethyl phthalate	50	5 U	5 U	5 U	5 U
Di-n-butylphthalate	50	5 U	5 U	5 U	5 U
Di-n-octylphthalate	50	5 U	5 U	5 U	5 U
Fluoranthene	50	2.1	0.2 U	0.2 U	0.07 J
Fluorene	50	0.24	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	0.04	0.8 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	20 U	20 U	20 U	20 U
Hexachloroethane	5	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-cd)Pyrene	0.002	**0.54**	0.2 U	0.2 U	0.2 U
Isophorone	50	5 U	5 U	5 U	5 U
Naphthalene	10	0.17 J	0.2 U	0.2 U	0.2 U
Nitrobenzene	0.4	2 U	2 U	2 U	2 U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2 U	2 U	2 U	2 U
n-Nitrosodi-n-propylamine	NS	5 U	5 U	5 U	5 U
P-Chloro-M-Cresol	NS	2 U	2 U	2 U	2 U
Pentachlorophenol	NS	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	1.9	0.2 U	0.2 U	0.18 J
Phenol	NS	5 U	5 U	5 U	5 U
Pyrene	50	2.1	0.2 U	0.2 U	0.2 U

Table 7
475 Bay Street
Staten Island, NY
Subsurface Investigation Groundwater Analytical Results
Total and Dissolved Metals

Client ID Lab Sample ID Date Sampled Dilution Total Metals - µg/L	NYSDEC Class GA Ambient Standard µg/L	TW-1 L1316206-09 8/20/2013 1/5/10/20/40 *	TW-2 L1316206-10 8/20/2013 1/5/10/20/200 *	TW-3 L1316206-11 8/20/2013 1/5/20/200 *	TW-4 L1316206-12 8/20/2013 1/5/10/20/200 *
Aluminum	**NS**	13,800	27,100	40,200	59,700
Antimony	**3**	2.41 J	5 U	5 U	5 U
Arsenic	**25**	17.01	14.72	17.03	21.97
Barium	**1,000**	730	411.8	**1,462**	**1,994**
Beryllium	**3**	**3.11**	2.66	**7.05**	**8.04**
Cadmium	**5**	1.02	0.55 J	1.07	2.12
Calcium	**NS**	212,000	127,000	131,000	194,000
Chromium	**50**	**158**	**160.6**	**129.4**	**202**
Cobalt	**NS**	113.8	99	119.7	214.8
Copper	**200**	125.6	97.5	**223.5**	**469.5**
Iron	**300+**	**67,700**	**78,100**	**139,000**	**235,000**
Lead	**25**	**894.5**	**184.9**	**116.1**	**322.8**
Magnesium	**35,000**	**94,600**	**51,100**	**117,000**	**166,000**
Manganese	**300+**	**5,924**	**4,746**	**12,480**	**18,890**
Mercury	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	**100**	**1,186**	**1,157**	**1,174**	**3,342**
Potassium	**NS**	16,400	12,600	17,200	24,000
Selenium	**10**	5.22 J	3.28 J	6.07 J	**10.1** J
Silver	**50**	2 U	2 U	2 U	0.56 J
Sodium	**20,000**	**119,000**	**25,700**	**40,300**	**73,400**
Thallium	**0.5**	0.27 J	0.46 J	0.43 J	**0.85** J
Vanadium	**NS**	98.25	82.6	163.2	179.2
Zinc	**2,000**	303.6	149.6	304	667
Dissolved Metals - µg/L					
Aluminum	**NS**	15.4	44.3	9.52 J	25.1
Antimony	**3**	0.68 J	0.34 J	0.33 J	0.97 J
Arsenic	**25**	4.66	5.6	8.22	5.71
Barium	**1,000**	261.2	140.5	215.3	393.7
Beryllium	**3**	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	**5**	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	**NS**	184,000	110,000	105,000	152,000
Chromium	**50**	3.13	2.09	3.76	3.51
Cobalt	**NS**	9.23	4.03	1.79	1.21
Copper	**200**	0.83 J	0.69 J	0.8 J	0.98 J
Iron	**300+**	**5,830**	**2,660**	**13,000**	**19,700**
Lead	**25**	0.46 J	0.63 J	1 U	0.75 J
Magnesium	**35,000**	**70,600**	24,300	**93,500**	**90,800**
Manganese	**300+**	**3,214**	**2,639**	**4,400**	**3,077**
Mercury	**0.7**	0.33 U	0.2 U	0.2 U	0.2 U
Nickel	**100**	46.67	25.1	8.15	10.45
Potassium	**NS**	13,800	9,340	10,300	13,400
Selenium	**10**	2.39 J	0.79 J	1 J	2.05 J
Silver	**50**	0.1 J	0.4 U	0.4 U	0.4 U
Sodium	**20,000**	**126,000**	**25,700**	**41,200**	**76,600**
Thallium	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U
Vanadium	**NS**	1.13 J	0.7 J	1.22 J	1.06 J
Zinc	**2,000**	15.69	3.77 J	4.62 J	7.75 J

Note: * = Dilution Rates vary.

Table 8
475 Bay Street
Staten Island, NY
Subsurface Investigation Groundwater Analytical Results
Polychlorinated Biphenyls (PCBs) and Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated Biphenyls - µg/L	NYSDEC Class GA Ambient Standard µg/L	TW-1 L1316206-09 8/20/2013	TW-2 L1316206-10 8/20/2013	TW-3 L1316206-11 8/20/2013	TW-4 L1316206-12 8/20/2013
Aroclor 1016	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1221	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1232	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1242	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1248	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1254	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1260	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1262	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Aroclor 1268	**NS**	0.083 U	0.083 U	0.083 U	0.083 U
Total PCBs	**0.09**	ND	ND	ND	ND
Pesticides - µg/L					
4,4'-DDD	**0.3**	0.04 U	0.04 U	0.04 U	0.04 U
4,4'-DDE	**0.2**	0.04 U	0.04 U	0.04 U	0.04 U
4,4'-DDT	**0.2**	0.04 U	0.04 U	0.04 U	0.04 U
Aldrin	**ND**	0.02 U	0.02 U	0.02 U	0.02 U
Alpha-BHC	**0.01**	0.02 U	0.02 U	0.02 U	0.02 U
Beta-BHC	**0.04**	0.02 U	0.02 U	0.02 U	0.02 U
Chlordane	**0.05**	0.2 U	0.2 U	0.2 U	0.2 U
cis-Chlordane	**0.05**	0.02 U	0.02 U	0.02 U	0.02 U
Delta-BHC	**0.04**	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	**0.004**	0.04 U	0.04 U	0.04 U	0.04 U
Endosulfan I	**NS**	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan II	**NS**	0.04 U	0.04 U	0.04 U	0.04 U
Endosulfan sulfate	**NS**	0.04 U	0.04 U	0.04 U	0.04 U
Endrin	**ND**	0.04 U	0.04 U	0.04 U	0.04 U
Endrin ketone	**5**	0.04 U	0.04 U	0.04 U	0.04 U
Heptachlor	**0.04**	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor epoxide	**0.03**	0.02 U	0.02 U	0.02 U	0.02 U
Lindane	**0.05**	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	**35**	0.2 U	0.2 U	0.2 U	0.2 U
Toxaphene	**0.06**	0.2 U	0.2 U	0.2 U	0.2 U
trans-Chlordane	**0.05**	0.02 U	0.02 U	0.02 U	0.02 U

Table 9
475 Bay Street
Staten Island, NY
Subsurface Investigation Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/m³	NYSDOH 2003 Soil Vapor Intrusion Air Guideline Value µg/m³	NYSDOH 2003 Soil Vapor Indoor Upper Fence µg/m³	EPA 2001 BASE 90th percentile µg/m³	SV-1 L1316261-01 8/21/2013 10	SV-2 L1316261-02 8/21/2013 10	SV-3 L1316261-04 8/21/2013 10/54.52 *	SV-4 L1316261-03 8/21/2013 10
1,1,1-Trichloroethane	NS	2.5	20.6	10.9 U	10.9 U	10.9 U	10.9 U
1,1,2,2-Tetrachloroethane	NS	0.4	NS	13.7 U	13.7 U	13.7 U	13.7 U
1,1,2-Trichloroethane	NS	0.4	<1.5	10.9 U	10.9 U	10.9 U	10.9 U
1,1-Dichloroethane	NS	0.4	<0.7	8.09 U	8.09 U	8.09 U	8.09 U
1,1-Dichloroethene	NS	0.4	<1.4	7.93 U	7.93 U	7.93 U	7.93 U
1,2,4-Trichlorobenzene	NS	0.5	<6.8	14.8 U	14.8 U	14.8 U	14.8 U
1,2,4-Trimethylbenzene	NS	9.8	9.5	11.4	9.83 U	9.83 U	14.9
1,2-Dibromoethane	NS	0.4	<1.5	15.4 U	15.4 U	15.4 U	15.4 U
1,2-Dichlorobenzene	NS	0.5	<1.2	12 U	12 U	12 U	12 U
1,2-Dichloroethane	NS	0.4	<0.9	8.09 U	8.09 U	8.09 U	8.09 U
1,2-Dichloropropane	NS	0.4	<1.6	9.24 U	9.24 U	9.24 U	9.24 U
1,3,5-Trimethylbenzene	NS	3.9	3.7	9.83 U	9.83 U	9.83 U	9.83 U
1,3-Butadiene	NS	0.5	<3.0	4.42 U	7.9	4.42 U	4.42 U
1,3-Dichlorobenzene	NS	0.5	<2.4	12 U	12 U	12 U	12 U
1,4-Dichlorobenzene	NS	1.2	5.5	12 U	12 U	12 U	12 U
1,4-Dioxane	NS	NS	NS	7.21 U	7.21 U	7.21 U	7.21 U
2,2,4-Trimethylpentane	NS	5	NS	9.34 U	9.34 U	9.34 U	9.34 U
2-Butanone	NS	16	12	62.5	43.9	157	16.6
2-Hexanone	NS	NS	NS	12.1	8.2 U	21.9	8.2 U
3-Chloropropene	NS	NS	NS	6.26 U	6.26 U	6.26 U	6.26 U
4-Ethyltoluene	NS	NS	3.6	9.83 U	9.83 U	9.83 U	9.83 U
4-Methyl-2-pentanone	NS	1.9	6	8.2 U	8.2 U	8.2 U	8.2 U
Acetone	NS	115	98.9	534	846	3,180	929
Benzene	NS	13	9.4	7.57	6.9	19.9	6.39 U
Benzyl chloride	NS	NS	<6.8	10.4 U	10.4 U	10.4 U	10.4 U
Bromodichloromethane	NS	NS	NS	13.4 U	13.4 U	13.4 U	13.4 U
Bromoform	NS	NS	NS	20.7 U	20.7 U	20.7 U	20.7 U
Bromomethane	NS	0.5	<1.7	7.77 U	7.77 U	7.77 U	7.77 U
Carbon disulfide	NS	NS	4.2	34.6	18.1	10.2	6.23 U
Carbon tetrachloride	NS	1.3	<1.3	28.9	12.6 U	12.6 U	12.6 U
Chlorobenzene	NS	0.4	<0.9	9.21 U	9.21 U	9.21 U	9.21 U
Chloroethane	NS	0.4	<1.1	5.28 U	5.28 U	5.28 U	5.28 U
Chloroform	NS	1.2	1.1	9.77 U	20.6	9.77 U	9.77 U
Chloromethane	NS	4.2	3.7	4.13 U	4.13 U	4.13 U	4.13 U
cis-1,2-Dichloroethene	NS	0.4	<1.9	7.93 U	7.93 U	7.93 U	7.93 U
cis-1,3-Dichloropropene	NS	0.4	<2.3	9.08 U	9.08 U	9.08 U	9.08 U
Cyclohexane	NS	6.3	NS	6.88 U	11.3	24	29.6
Dibromochloromethane	NS	NS	NS	17 U	17 U	17 U	17 U
Dichlorodifluoromethane	NS	10	16.5	9.89 U	9.89 U	9.89 U	9.89 U
Ethanol	NS	1300	210	47.1 U	47.1 U	108	47.1 U
Ethyl Acetate	NS	NS	5.4	18 U	18 U	18 U	18 U
Ethylbenzene	NS	6.4	5.7	10.3	8.69 U	8.69 U	8.69 U
Freon-113	NS	2.5	3.5	15.3 U	15.3 U	15.3 U	15.3 U
Freon-114	NS	0.4	NS	14 U	14 U	14 U	14 U
Heptane	NS	18	NS	9.84	9.47	20.3	13.1
Hexachlorobutadiene	NS	0.5	<6.8	21.3 U	21.3 U	21.3 U	21.3 U
Isopropanol	NS	NS	250	12.3 U	12.3 U	18.4	12.3 U
Methyl tert butyl ether	NS	14	11.5	7.21 U	7.21 U	7.21 U	7.21 U
Methylene chloride	60	16	10	34.7 U	34.7 U	34.7 U	34.7 U
n-Hexane	NS	14	10.2	12.3	18.5	46.2	51.1
o-Xylene	NS	7.1	7.9	17.2	12.9	11.1	17.4
p/m-Xylene	NS	11	22.2	32.8	27.5	23.8	31.4
Propylene	NS	NS	NS	51.1	482	2,980	35.5
Styrene	NS	1.4	1.9	8.52 U	8.52 U	8.52 U	8.52 U
Tetrachloroethene	100	2.5	15.9	78	13.6 U	13.6 U	13.6 U
Tetrahydrofuran	NS	0.8	NS	5.9 U	5.9 U	5.9 U	5.9 U
Toluene	NS	57	43	23.2	20.5	28.3	22
trans-1,2-Dichloroethene	NS	NS	NS	7.93 U	7.93 U	7.93 U	7.93 U
trans-1,3-Dichloropropene	NS	NC	<1.3	9.08 U	9.08 U	9.08 U	9.08 U
Trichloroethene	5	0.5	4.2	10.7 U	10.7 U	10.7 U	10.7 U
Trichlorofluoromethane	NS	12	18.1	11.2 U	11.2 U	11.2 U	11.2 U
Vinyl acetate	NS	NS	NS	7.04 U	7.04 U	7.04 U	7.04 U
Vinyl bromide	NS	NS	NS	8.74 U	8.74 U	8.74 U	8.74 U
Vinyl chloride	NS	0.4	<1.9	5.11 U	5.11 U	5.11 U	5.11 U

Note: * = The Dilution Rate for Propylene is 54.52.

Notes
475 Bay Street
Staten Island, NY
Subsurface Investigation

GENERAL

NS : No soil cleanup objective listed.

ND : No Detect

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

SOIL

Exceedences of Part 375 Unrestricted SCOs are highlighted in bold font.

Exceedences of Part 375 Restricted Residential SCOs are highlighted in gray.

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

mg/kg : milligrams per kilogram = parts per million (ppm)

GROUNDWATER

Exceedences of NYSDEC Class GA Ambient Standard are highlighted in bold font.

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

µg/L : micrograms per Liter = parts per billion (ppb)

SOIL VAPOR

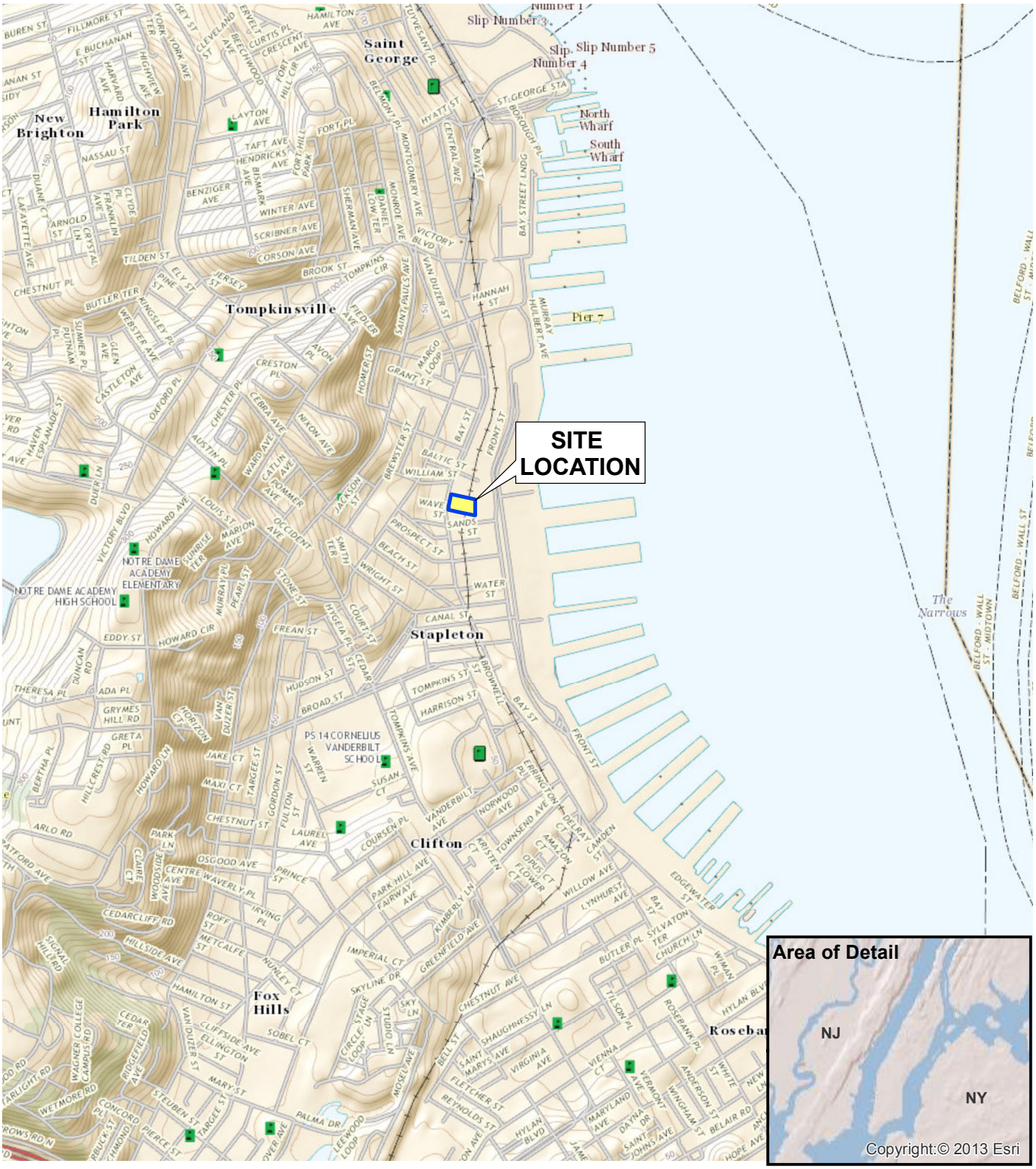
NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (“NYSDOH Vapor Intrusion Guidance Document”).

NYSDOH 2003 Soil Vapor Indoor Upper Fence : Upper fence indoor air values from "Table C1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes", published in the NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C” (October 2006).

EPA 2001 BASE 90th percentile : 90th Percentile indoor air values from “Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister method”, published in the NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C” (October 2006).

µg/m^3 : micrograms per cubic meter of air.

FIGURES



SOURCE
USGS 7.5 Minute Topographic Map
JERSEY CITY Quad 2011

0 1,000 2,000
Feet

475 Bay Street
Staten Island, New York

SITE LOCATION

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
8/22/2013

PROJECT No.
11802

FIGURE
1

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database
GPR Survey dated April, 2013 by Hager-Richter Geoscience
1937 Certified Sanborn Map

0' 30' 60' 120'
SCALE IN FEET

LEGEND:

- LIGHT POLE
- WATER VALVE
- FENCE
- WATER LINE
- ELECTRIC LINE
- GASOLINE TANKS SHOWN ON 1937 SANBORN MAP
- GPR SURVEY UNKNOWN ANOMALY
- GPR SURVEY POSSIBLE BURIED METAL ANOMALY
- PROJECT SITE BOUNDARY
- LOT LINE
- BUILDING LINE
- SB-1/TW-1 SOIL BORING / GROUNDWATER SAMPLE
- SB-5 SOIL BORING SAMPLE
- SV-1 SOIL VAPOR SAMPLE

475 Bay Street
Staten Island, New York

SITE PLAN

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 9.17.2013
PROJECT No. 11802
SCALE as shown
FIGURE 2

APPENDIX A

SAMPLING LOGS

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-1**

Sheet 1 of 2

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	8:40	**Finish Time**	9:10
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT	Odor	Moisture	PPM	NAPL	Samples Collected for Lab Analysis
1	17	ASPHALT, some Concrete (FILL).	ND	Dry	27.2	ND	
2					0.9		
3							
4							
5					ND		
6	27	Top 5": ASPHALT (FILL).	ND	Dry	ND	ND	
7							
8		Bottom 22": Brown SAND, some Silt, trace Clay, trace fine Gravel, trace Asphalt (FILL).	Petroleum-Like @ 8'	Moist @ 8'	ND	ND	SB-1 (7-9)
9							
10							
11	24	Brown SAND, some Clay, trace Silt, trace fine Gravel.	ND	Moist	ND	ND	
12							
13							
14							
15							
16	28	Brown SAND, some Clay, trace Silt, trace fine Gravel.	ND	Wet @ 15'	ND	ND	SB-1 (15-17)
17							
18				Wet			
19							
20							TW-1

Notes: End of boring at 25 feet below ground surface. Soil and groundwater samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals (total and dissolved).

Groundwater encountered at 15' below grade.

PID = photoionization detector PPM= parts per million ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-1**

Sheet 2 of 2

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	8:40	**Finish Time**	9:10
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
21	38	Top 35": Brown SAND, some Clay, trace Silt, trace fine Gravel.	ND	Wet	ND	ND	
22							
23							
24		Bottom 3": Weathered SCHIST.	ND	Wet	ND	ND	
25							
26		EOB @ 25' BGS.					
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: End of boring at 25 feet below ground surface. Soil and groundwater samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals (total and dissolved).

Groundwater encountered at 15' below grade.

PID = photoionization detector PPM= parts per million ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-2**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	10:40	**Finish Time**	10:52
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT/ GRAVEL	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	17	Top 2": GRAVEL (FILL).	ND	Dry	ND	ND	SB-2 (0-2)
2							
3		Bottom 15": Dark brown SAND, some Asphalt, some fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
4							
5							
6	21	Top 6": Red- brown SAND, trace fine Gravel.	ND	Dry	ND	ND	
7				Moist @ 7'			
8		Bottom 15": Brown SAND, trace Silt, trace Clay, trace fine Gravel.	ND	Moist	ND	ND	
9							
10							
11	37	Top 20": Brown SILT, some Sand, trace fine Gravel.	ND	Wet @ 11'	ND	ND	
12							
13							
14		Bottom 17": Black SAND, some Silt, trace fine Gravel.					
15							
16	36	Brown SAND, trace fine Gravel, trace Schist, trace Silt.	ND	Wet	ND	ND	
17							
18							
19							SB-2 (18-20)
20							TW-2

Notes: End of boring at 20 feet below ground surface. Soil and groundwater samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals (total and dissolved).

Groundwater encountered at 11' below grade.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-3**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling			
Start Time	11:35	**Finish Time**	11:50
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT/ GRAVEL	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	32	Top 2": GRAVEL (FILL).	ND	Dry	ND	ND	SB-3 (0-2)
2							
3		Bottom 30": Black SAND, trace Asphalt, trace fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
4							
5							
6	32	Dark brown SAND, some fine Gravel, trace Silt.	ND	Dry	ND	ND	
7				Moist @ 7'			
8			ND	Moist	ND	ND	
9							
10							
11	42	Red- brown SILT, some Sand, trace Clay, trace fine Gravel.	ND	Wet @ 11' Wet	ND	ND	
12							
13							
14							
15							
16	47	Top 45": Red-brown SILT, some Sand, trace fine Gravel.	ND	Wet	ND	ND	
17							
18							
19		Bottom 2": Black SILT.	ND	Wet	ND	ND	SB-3 (18-20)
20							TW-3

Notes: End of boring at 20 feet below ground surface. Soil and groundwater samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals (total and dissolved).

Groundwater encountered at 11' below grade.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-4**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	13:05	**Finish Time**	13:30
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: GRAVEL	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	32	Top 2": GRAVEL (FILL).	ND	Dry	ND	ND	
2		Next 3": CONCRETE (FILL).	ND	Dry	ND	ND	
3		Bottom 27": Black SAND, some Concrete, trace Gravel, trace Wood (FILL).	ND	Dry	ND	ND	
4							
5							
6	31	Brown SILT, some Clay, trace Sand, trace fine Gravel.	ND	Moist @ 6' Wet @ 7'	ND	ND	SB-4 (7-9)
7							
8							
9							
10							
11	30	Brown SAND, some Clay, some Silt, trace fine Gravel,	ND	Wet	ND	ND	
12							
13							
14							
15							
16	24	Fine Gravel, some red-brown Sand.	ND	Dry	ND	ND	
17							
18							SB-4 (18-20)
19							
20							TW-4

Notes: End of boring at 20 feet below ground surface. Soil and groundwater samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals (total and dissolved).

Groundwater encountered at 7' below grade.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-5**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling			
Start Time	13:05	**Finish Time**	13:30
Date	8/20/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	17	Brown SAND, some fine Gravel, trace Silt, trace Brick, trace Wood (FILL).	ND	Dry	ND	ND	SB-5 (0-2)
2			ND	Dry	ND	ND	
3			ND	Dry	ND	ND	
4							
5							
6	25	Brown SAND, some Silt, trace fine Gravel.	ND	Moist @ 5' Wet @ 6' Wet	ND	ND	
7							
8							
9							
10							
11	40	Top 32": Brown SILT, some Sand, trace fine Gravel.	ND	Wet	ND	ND	
12							
13							
14		Bottom 8": Fine GRAVEL, trace brown Sand.	ND	Wet	ND	ND	
15							
16	36	Red- brown SAND, some Clay, trace Silt, trace fine Gravel.	ND	Wet	ND	ND	
17							
18							
19							SB-5 (18-20)
20							

Notes: End of boring at 20 feet below ground surface. Soil samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals.

Groundwater encountered at 6' below grade.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. SB-6

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	13:05	**Finish Time**	13:30
Date	8/21/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: ASPHALT	Odor	Moisture	PPM	NAPL	Samples Collected for Lab Analysis
1	17	ASPHALT, some Concrete, trace Gravel (FILL).	ND	Dry	ND	ND	
2			ND	Dry	ND	ND	
3			ND	Dry	ND	ND	
4							
5							
6	25	Dark brown SAND, some Silt, trace fine Gravel.	Faint Petroleum-Like	Dry	0.4	ND	SB-6 (6-9)
7					1.7		
8							
9					1.6		
10					0.2		
11	40	Brown SAND, some Silt, trace Clay, trace fine Gravel.	ND	Wet	ND	ND	
12							
13							
14							
15							
16	36	Top 31": Brown SAND, some fine Gravel, some Silt, trace Clay.	ND	Wet	ND	ND	
17							
18							
19		Bottom 5": Black SILT.	Organic-Like	Wet	ND	ND	SB-6 (18-20)
20							

Notes: End of boring at 20 feet below ground surface. Soil samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals.

Groundwater encountered at 6' below grade.

PID = photoionization detector PPM= parts per million ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-7**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	13:05	**Finish Time**	13:30
Date	8/21/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: GRAVEL	Odor	Moisture	PPM	NAPL	Samples Collected for Lab Analysis
1	32	Top 18": GRAVEL, some Concrete (FILL).	ND	Dry	ND	ND	
2							
3							
4		Bottom 14": ASPHALT, some black Sand, trace Gravel (FILL).	ND	Dry	ND	ND	
5							
6	27	Gray-brown CLAY, some Silt, some fine SAND.	Faint Petroleum-Like	Moist @ 6'	0.2	ND	SB-7 (6-8)
7							
8				Moist	0.2		
9				Wet @ 8'			
10					0.1		
11	22	Brown SAND, some Silt, trace Clay, trace fine Gravel.	ND	Wet	ND	ND	
12							
13							
14							
15							
16	25	Top 31": Brown SAND, some fine Gravel, some Silt, trace Clay.	ND	Wet	ND	ND	
17							
18							
19		Bottom 5": Black SILT.	Organic-Like	Wet	ND	ND	SB-7 (18-20)
20							

Notes: End of boring at 20 feet below ground surface. Soil samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals.

Groundwater encountered at 6' below grade.

PID = photoionization detector PPM= parts per million ND = Not Detected

SOIL BORING LOG

475 Bay Street

AKRF Project Number: 11802

Boring No. **SB-8**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method:	**Geoprobe**
Sampling Method:	**5' Macrocore**
Driller :	**Eastern Env**
Sampler:	**A. Jordan**

Drilling

Start Time	7:43	**Finish Time**	8:06
Date	8/21/2013		
Weather:	Sunny, 75° F		

Depth (feet)	Recovery (Inches)	Surface Condition: GRAVEL	Odor	Moisture	PPM	NAPL	Samples Collected for Lab Analysis
1	37	Top 12": Brown SAND, some fine Gravel, trace Concrete (FILL).	ND	Dry	ND	ND	
2			ND	Dry	ND	ND	
3			ND	Dry	ND	ND	
4		Bottom 25": ASPHALT, some black SAND, some Concrete, trace fine Gravel (FILL).					
5							
6	36	Dark brown SAND, some Silt, trace Organics, trace fine Gravel.	Faint Petroleum-Like	Moist @ 5'	0.2	ND	SB-8 (6-8)
7				Wet @ 6'	1.7		
8				Wet			
9					0.3		
10					0.1		
11	34	Brown SAND, some Silt, trace Clay, trace fine Gravel.	ND	Wet	ND	ND	
12							
13							
14							
15							
16	12	Brown SAND, some fine Gravel, trace Silt.	ND	Wet	ND	ND	
17							
18							
19							SB-8 (18-20)
20							

Notes: End of boring at 20 feet below ground surface. Soil samples analyzed for VOCs, SVOCs, PCBs, Pesticides, and TAL Metals.

Groundwater encountered at 6' below grade.

PID = photoionization detector PPM= parts per million ND = Not Detected

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	11802	**Client:**	BFC Partners
Project Location:	475 Bay Street Staten Island, NY	**Sampled By:**	A. Jordan
Date:	08/21/2013		

Sample ID:	SV-1
Canister ID:	1050
Flow Controller ID:	0577

Purging

Time Started:	0830	
Time Stopped:	0840	
Vol. Purged:	1.0	liters
Flow Rate:	0.1	L/min

Laboratory Sample (Summa Canister)

Time Started:	0841	**Vacuum:**	-30.69 inHg
Time Stopped:	1044	**Vacuum:**	-5.75 inHg

Field Sample

PID Calibration:	100.0 PPM
Time Started:	0825
Time Stopped:	0830
PID Reading:	Not Detected
He Reading	Not Detected

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	11802	**Client:**	BFC Partners
Project Location:	475 Bay Street Staten Island, NY	**Sampled By:**	A. Jordan
Date:	08/21/2013		

Sample ID:	SV-2
Canister ID:	1897
Flow Controller ID:	0435

Purging

Time Started:	0805
Time Stopped:	0815
Vol. Purged:	1.0 liters
Flow Rate:	0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0848	**Vacuum:**	-30.89 inHg
Time Stopped:	1130	**Vacuum:**	-7.16 inHg

Field Sample

PID Calibration:	100.0 PPM
Time Started:	0800
Time Stopped:	0805
PID Reading:	Not Detected
He Reading	Not Detected

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	11802	**Client:**	BFC Partners
Project Location:	475 Bay Street Staten Island, NY	**Sampled By:**	A. Jordan
Date:	08/21/2013		

Sample ID:	SV-3
Canister ID:	986
Flow Controller ID:	0391

Purging

Time Started:	0750
Time Stopped:	0800
Vol. Purged:	1.0 liters
Flow Rate:	0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0857	**Vacuum:**	-31.29 inHg
Time Stopped:	1927	**Vacuum:**	-14.98 inHg

Field Sample

PID Calibration:	100.0 PPM
Time Started:	0745
Time Stopped:	0750
PID Reading:	Not Detected
He Reading	Not Detected Above Background Levels

AKRF, Inc. Soil Vapor Sampling Log

Environmental Consultants

Job No:	11802	**Client:**	BFC Partners
Project Location:	475 Bay Street Staten Island, NY	**Sampled By:**	A. Jordan
Date:	08/21/2013		

Sample ID:	SV-4
Canister ID:	1881
Flow Controller ID:	0578

Purging

Time Started:	0735	
Time Stopped:	0745	
Vol. Purged:	1.0	liters
Flow Rate:	0.1	L/min

Laboratory Sample (Summa Canister)

Time Started:	0902	**Vacuum:**	-29.73 inHg
Time Stopped:	1057	**Vacuum:**	-6.02 inHg

Field Sample

PID Calibration:	100.0 PPM
Time Started:	0730
Time Stopped:	0735
PID Reading:	Not Detected
He Reading	Not Detected

APPENDIX B

LABORATORY ANALYSIS DATA SHEETS (CD)

ANALYTICAL REPORT

Lab Number:	L1316206
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Deborah Shapiro
Phone:	(646) 388-9500
Project Name:	475 BAY STREET
Project Number:	Not Specified
Report Date:	08/28/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1316206-01	SB-1 (7-9)	475 BAY STREET, SI, NY	08/20/13 09:15
L1316206-02	SB-1 (15-17)	475 BAY STREET, SI, NY	08/20/13 09:20
L1316206-03	SB-2 (0-2)	475 BAY STREET, SI, NY	08/20/13 10:55
L1316206-04	SB-2 (18-20)	475 BAY STREET, SI, NY	08/20/13 11:00
L1316206-05	SB-3 (0-2)	475 BAY STREET, SI, NY	08/20/13 12:00
L1316206-06	SB-3 (18-20)	475 BAY STREET, SI, NY	08/20/13 12:05
L1316206-07	SB-4 (7-9)	475 BAY STREET, SI, NY	08/20/13 13:30
L1316206-08	SB-4 (18-20)	475 BAY STREET, SI, NY	08/20/13 13:35
L1316206-09	TW-1	475 BAY STREET, SI, NY	08/20/13 09:50
L1316206-10	TW-2	475 BAY STREET, SI, NY	08/20/13 11:20
L1316206-11	TW-3	475 BAY STREET, SI, NY	08/20/13 13:00
L1316206-12	TW-4	475 BAY STREET, SI, NY	08/20/13 14:00
L1316206-13	SB-5 (0-2)	475 BAY STREET, SI, NY	08/20/13 10:00
L1316206-14	SB-5 (18-20)	475 BAY STREET, SI, NY	08/20/13 10:30

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 475 BAY STREET **Lab Number:** L1316206
Project Number: Not Specified **Report Date:** 08/28/13

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1316206-03: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (36%) and the surrogate recovery for 4-bromofluorobenzene (166%) were outside the acceptance criteria; however, re-analysis achieved similar results for 1,4-Dichlorobenzene-d4 (33%) and 4-bromofluorobenzene (152%). The results of both analyses are reported.

Pesticides

L1316206-05, -07, -13, and -14 have elevated detection limits due to the dilutions required by the sample matrices.

The surrogate recoveries for L1316206-05, -07, and -14 are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene and decachlorobiphenyl (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

Total Metals

L1316206-01 through -14 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG630843-4 MS recoveries for calcium (0%), iron (3390%), magnesium (0%), manganese (294%), and nickel (248%), performed on L1316206-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG630843-4 MS recoveries, performed on L1316206-01, are outside the acceptance criteria for copper (190%), lead (58%), and sodium (61%). A post digestion spike was performed with acceptable recoveries for copper (93%), lead (92%), and sodium (99%).

Project Name: 475 BAY STREET **Lab Number:** L1316206
Project Number: Not Specified **Report Date:** 08/28/13

Case Narrative (continued)

The WG630843-3 Laboratory Duplicate RPDs, performed on L1316206-01, are outside the acceptance criteria for calcium (58%) and sodium (79%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the Laboratory Duplicate.

Dissolved Metals

L1316206-09 has an elevated detection limit for mercury due to limited sample volume available for analysis.

The WG630708-2 LCS recovery, associated with L1316206-09 through -12, is above the acceptance criteria for copper (150%); however, the associated samples are non-detect for this target analyte. The results of the original analysis are reported.

The WG630708-4 MS recoveries for calcium (30%), iron (61%), manganese (69%), and sodium (50%), performed on L1316206-09, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG630708-3 Laboratory Duplicate RPD, performed on L1316206-09, is above the acceptance criteria for chromium (30%); however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 08/28/13

ORGANICS

VOLATILES

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-01	Date Collected:	08/20/13 09:15
Client ID:	SB-1 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	08/26/13 10:51		
Analyst:	BN		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.53	1
Bromoform	ND		ug/kg	4.6	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.8	0.90	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01 Date Collected: 08/20/13 09:15

Client ID: SB-1 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.25	1
Acetone	9.0	J	ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	ND		ug/kg	12	0.41	1
Vinyl acetate	ND		ug/kg	12	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.26	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.8	0.23	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.8	0.65	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.91	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	ND		ug/kg	5.8	0.89	1
Acrylonitrile	ND		ug/kg	12	0.27	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.91	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.66	1
1,4-Dioxane	ND		ug/kg	120	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.14	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01 Date Collected: 08/20/13 09:15

Client ID: SB-1 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02
Client ID: SB-1 (15-17)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 11:24
Analyst: BN
Percent Solids: 83%

Date Collected: 08/20/13 09:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.21	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.37	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.55	1
Bromoform	ND		ug/kg	4.8	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	0.34	J	ug/kg	1.2	0.14	1
Toluene	0.38	J	ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	6.0	0.94	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.17	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.29	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02 Date Collected: 08/20/13 09:20

Client ID: SB-1 (15-17) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.12	1
p/m-Xylene	ND		ug/kg	2.4	0.39	1
o-Xylene	ND		ug/kg	2.4	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.37	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	18		ug/kg	12	3.7	1
Carbon disulfide	ND		ug/kg	12	2.4	1
2-Butanone	3.0	J	ug/kg	12	0.43	1
Vinyl acetate	ND		ug/kg	12	0.58	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.27	1
2-Hexanone	ND		ug/kg	12	0.23	1
Bromochloromethane	ND		ug/kg	6.0	0.24	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.24	1
sec-Butylbenzene	ND		ug/kg	1.2	0.25	1
tert-Butylbenzene	ND		ug/kg	6.0	0.67	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.95	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.51	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	ND		ug/kg	6.0	0.93	1
Acrylonitrile	ND		ug/kg	12	0.29	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.95	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	0.69	1
1,4-Dioxane	ND		ug/kg	120	21.	1
1,4-Diethylbenzene	ND		ug/kg	4.8	0.19	1
4-Ethyltoluene	ND		ug/kg	4.8	0.14	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02 Date Collected: 08/20/13 09:20

Client ID: SB-1 (15-17) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.0	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03
Client ID: SB-2 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 11:58
Analyst: BN
Percent Solids: 94%

Date Collected: 08/20/13 10:55
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.3	0.49	1
Bromoform	ND		ug/kg	4.3	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.18	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	0.22	J	ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.3	0.84	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.15	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.26	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1
p/m-Xylene	ND		ug/kg	2.1	0.34	1
o-Xylene	ND		ug/kg	2.1	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.17	1
Styrene	ND		ug/kg	2.1	0.33	1
Dichlorodifluoromethane	ND		ug/kg	11	0.23	1
Acetone	ND		ug/kg	11	3.3	1
Carbon disulfide	ND		ug/kg	11	2.1	1
2-Butanone	ND		ug/kg	11	0.38	1
Vinyl acetate	ND		ug/kg	11	0.51	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.24	1
2-Hexanone	ND		ug/kg	11	0.20	1
Bromochloromethane	ND		ug/kg	5.3	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.3	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.3	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.21	1
sec-Butylbenzene	ND		ug/kg	1.1	0.22	1
tert-Butylbenzene	ND		ug/kg	5.3	0.60	1
o-Chlorotoluene	ND		ug/kg	5.3	0.17	1
p-Chlorotoluene	ND		ug/kg	5.3	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.84	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.20	1
Naphthalene	ND		ug/kg	5.3	0.82	1
Acrylonitrile	ND		ug/kg	11	0.25	1
n-Propylbenzene	ND		ug/kg	1.1	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.84	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.61	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.3	0.17	1
4-Ethyltoluene	ND		ug/kg	4.3	0.12	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.3	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	**166**	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 R
Client ID: SB-2 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 11:18
Analyst: BN
Percent Solids: 94%

Date Collected: 08/20/13 10:55
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.3	0.49	1
Bromoform	ND		ug/kg	4.3	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.18	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	0.28	J	ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.3	0.84	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.15	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.26	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 R Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1
p/m-Xylene	0.39	J	ug/kg	2.1	0.34	1
o-Xylene	0.38	J	ug/kg	2.1	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.17	1
Styrene	ND		ug/kg	2.1	0.33	1
Dichlorodifluoromethane	ND		ug/kg	11	0.23	1
Acetone	ND		ug/kg	11	3.3	1
Carbon disulfide	ND		ug/kg	11	2.1	1
2-Butanone	ND		ug/kg	11	0.38	1
Vinyl acetate	ND		ug/kg	11	0.51	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.24	1
2-Hexanone	ND		ug/kg	11	0.20	1
Bromochloromethane	ND		ug/kg	5.3	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.3	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.3	0.22	1
n-Butylbenzene	0.79	J	ug/kg	1.1	0.21	1
sec-Butylbenzene	0.47	J	ug/kg	1.1	0.22	1
tert-Butylbenzene	ND		ug/kg	5.3	0.60	1
o-Chlorotoluene	ND		ug/kg	5.3	0.17	1
p-Chlorotoluene	ND		ug/kg	5.3	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.84	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	0.38	J	ug/kg	1.1	0.20	1
Naphthalene	14		ug/kg	5.3	0.82	1
Acrylonitrile	ND		ug/kg	11	0.25	1
n-Propylbenzene	ND		ug/kg	1.1	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.84	1
1,3,5-Trimethylbenzene	0.91	J	ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	3.1	J	ug/kg	5.3	0.61	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	2.6	J	ug/kg	4.3	0.17	1
4-Ethyltoluene	2.3	J	ug/kg	4.3	0.12	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 R Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	1.8	J	ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.3	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	**152**	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04
Client ID: SB-2 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 12:32
Analyst: BN
Percent Solids: 75%

Date Collected: 08/20/13 11:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.7	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.24	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.41	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.17	1
1,1-Dichloropropene	ND		ug/kg	6.7	0.61	1
Bromoform	ND		ug/kg	5.4	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.23	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	0.30	J	ug/kg	2.0	0.15	1
Ethylbenzene	ND		ug/kg	1.3	0.20	1
Chloromethane	ND		ug/kg	6.7	1.0	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.19	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.32	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04 Date Collected: 08/20/13 11:00

Client ID: SB-2 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.14	1
p/m-Xylene	ND		ug/kg	2.7	0.43	1
o-Xylene	ND		ug/kg	2.7	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.20	1
Dibromomethane	ND		ug/kg	13	0.22	1
Styrene	ND		ug/kg	2.7	0.41	1
Dichlorodifluoromethane	ND		ug/kg	13	0.29	1
Acetone	ND		ug/kg	13	4.2	1
Carbon disulfide	ND		ug/kg	13	2.7	1
2-Butanone	ND		ug/kg	13	0.48	1
Vinyl acetate	ND		ug/kg	13	0.64	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.30	1
2-Hexanone	ND		ug/kg	13	0.25	1
Bromochloromethane	ND		ug/kg	6.7	0.26	1
2,2-Dichloropropane	ND		ug/kg	6.7	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.43	1
Bromobenzene	ND		ug/kg	6.7	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.26	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.7	0.75	1
o-Chlorotoluene	ND		ug/kg	6.7	0.21	1
p-Chlorotoluene	ND		ug/kg	6.7	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	1.0	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.57	1
Isopropylbenzene	ND		ug/kg	1.3	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.7	1.0	1
Acrylonitrile	ND		ug/kg	13	0.32	1
n-Propylbenzene	ND		ug/kg	1.3	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	1.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.77	1
1,4-Dioxane	ND		ug/kg	130	23.	1
1,4-Diethylbenzene	ND		ug/kg	5.4	0.21	1
4-Ethyltoluene	ND		ug/kg	5.4	0.16	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04 Date Collected: 08/20/13 11:00

Client ID: SB-2 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.17	1
Ethyl ether	ND		ug/kg	6.7	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05
Client ID: SB-3 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 13:05
Analyst: BN
Percent Solids: 91%

Date Collected: 08/20/13 12:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.20	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.50	1
Bromoform	ND		ug/kg	4.4	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	0.31	J	ug/kg	1.1	0.13	1
Toluene	0.25	J	ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.5	0.86	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.16	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.27	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05 Date Collected: 08/20/13 12:00

Client ID: SB-3 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1
p/m-Xylene	ND		ug/kg	2.2	0.36	1
o-Xylene	ND		ug/kg	2.2	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.34	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	5.5	J	ug/kg	11	3.4	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.39	1
Vinyl acetate	ND		ug/kg	11	0.53	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.25	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.5	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.5	0.62	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.87	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.46	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	ND		ug/kg	5.5	0.85	1
Acrylonitrile	ND		ug/kg	11	0.26	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.87	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.63	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05 Date Collected: 08/20/13 12:00

Client ID: SB-3 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	**133**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06
Client ID: SB-3 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 13:39
Analyst: BN
Percent Solids: 85%

Date Collected: 08/20/13 12:05
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.21	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	5.9	0.53	1
Bromoform	ND		ug/kg	4.7	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	0.33	J	ug/kg	1.2	0.14	1
Toluene	0.48	J	ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.9	0.92	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06 Date Collected: 08/20/13 12:05

Client ID: SB-3 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.38	1
o-Xylene	ND		ug/kg	2.3	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	25		ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	5.1	J	ug/kg	12	0.42	1
Vinyl acetate	ND		ug/kg	12	0.56	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.26	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.9	0.23	1
2,2-Dichloropropane	ND		ug/kg	5.9	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.9	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.9	0.66	1
o-Chlorotoluene	ND		ug/kg	5.9	0.19	1
p-Chlorotoluene	ND		ug/kg	5.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.92	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.50	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	ND		ug/kg	5.9	0.90	1
Acrylonitrile	ND		ug/kg	12	0.28	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.92	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.67	1
1,4-Dioxane	ND		ug/kg	120	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.7	0.19	1
4-Ethyltoluene	ND		ug/kg	4.7	0.14	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06 Date Collected: 08/20/13 12:05

Client ID: SB-3 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.15	1
Ethyl ether	ND		ug/kg	5.9	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07
Client ID: SB-4 (7-9)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 14:12
Analyst: BN
Percent Solids: 70%

Date Collected: 08/20/13 13:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.8	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.25	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.44	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.1	0.17	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.33	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.1	0.65	1
Bromoform	ND		ug/kg	5.7	0.59	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.24	1
Benzene	ND		ug/kg	1.4	0.17	1
Toluene	0.40	J	ug/kg	2.1	0.16	1
Ethylbenzene	ND		ug/kg	1.4	0.21	1
Chloromethane	ND		ug/kg	7.1	1.1	1
Bromomethane	ND		ug/kg	2.8	0.48	1
Vinyl chloride	ND		ug/kg	2.8	0.20	1
Chloroethane	ND		ug/kg	2.8	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	0.34	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07 Date Collected: 08/20/13 13:30

Client ID: SB-4 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.15	1
p/m-Xylene	ND		ug/kg	2.8	0.46	1
o-Xylene	ND		ug/kg	2.8	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.21	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.44	1
Dichlorodifluoromethane	ND		ug/kg	14	0.31	1
Acetone	120		ug/kg	14	4.4	1
Carbon disulfide	ND		ug/kg	14	2.8	1
2-Butanone	19		ug/kg	14	0.51	1
Vinyl acetate	ND		ug/kg	14	0.68	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.32	1
2-Hexanone	ND		ug/kg	14	0.27	1
Bromochloromethane	ND		ug/kg	7.1	0.28	1
2,2-Dichloropropane	ND		ug/kg	7.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.25	1
1,3-Dichloropropane	ND		ug/kg	7.1	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.4	0.28	1
sec-Butylbenzene	ND		ug/kg	1.4	0.29	1
tert-Butylbenzene	ND		ug/kg	7.1	0.80	1
o-Chlorotoluene	ND		ug/kg	7.1	0.23	1
p-Chlorotoluene	ND		ug/kg	7.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	1.1	1
Hexachlorobutadiene	ND		ug/kg	7.1	0.60	1
Isopropylbenzene	ND		ug/kg	1.4	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.27	1
Naphthalene	ND		ug/kg	7.1	1.1	1
Acrylonitrile	ND		ug/kg	14	0.34	1
n-Propylbenzene	ND		ug/kg	1.4	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	1.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.1	0.82	1
1,4-Dioxane	ND		ug/kg	140	25.	1
1,4-Diethylbenzene	ND		ug/kg	5.7	0.23	1
4-Ethyltoluene	ND		ug/kg	5.7	0.17	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07 Date Collected: 08/20/13 13:30

Client ID: SB-4 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.18	1
Ethyl ether	ND		ug/kg	7.1	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08
Client ID: SB-4 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 14:46
Analyst: BN
Percent Solids: 87%

Date Collected: 08/20/13 13:35
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.6	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.20	1
Benzene	ND		ug/kg	1.1	0.14	1
Toluene	0.34	J	ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.90	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08 Date Collected: 08/20/13 13:35

Client ID: SB-4 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	7.2	J	ug/kg	11	3.6	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	ND		ug/kg	11	0.41	1
Vinyl acetate	ND		ug/kg	11	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.22	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.23	1
sec-Butylbenzene	ND		ug/kg	1.1	0.24	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.7	0.88	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.66	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08 Date Collected: 08/20/13 13:35

Client ID: SB-4 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09
Client ID: TW-1
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/22/13 14:35
Analyst: PD

Date Collected: 08/20/13 09:50
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.31	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.43	J	ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09 Date Collected: 08/20/13 09:50

Client ID: TW-1 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09 Date Collected: 08/20/13 09:50

Client ID: TW-1 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	103		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10
Client ID: TW-2
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/22/13 15:11
Analyst: PD

Date Collected: 08/20/13 11:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.19	J	ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10 Date Collected: 08/20/13 11:20

Client ID: TW-2 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10 Date Collected: 08/20/13 11:20

Client ID: TW-2 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-11	Date Collected:	08/20/13 13:00
Client ID:	TW-3	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	08/22/13 15:48		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-11 Date Collected: 08/20/13 13:00

Client ID: TW-3 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-11 Date Collected: 08/20/13 13:00

Client ID: TW-3 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-12	Date Collected:	08/20/13 14:00
Client ID:	TW-4	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	08/22/13 16:24		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-12 Date Collected: 08/20/13 14:00

Client ID: TW-4 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-12 Date Collected: 08/20/13 14:00

Client ID: TW-4 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13
Client ID: SB-5 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 15:20
Analyst: BN
Percent Solids: 63%

Date Collected: 08/20/13 10:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	3.2	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.28	1
Chloroform	ND		ug/kg	2.4	0.59	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.6	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.49	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.19	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.36	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.72	1
Bromoform	ND		ug/kg	6.3	0.66	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.27	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.18	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	7.9	1.2	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.22	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.38	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13 Date Collected: 08/20/13 10:00

Client ID: SB-5 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.2	0.16	1
p/m-Xylene	ND		ug/kg	3.2	0.51	1
o-Xylene	ND		ug/kg	3.2	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.24	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.49	1
Dichlorodifluoromethane	ND		ug/kg	16	0.35	1
Acetone	ND		ug/kg	16	4.9	1
Carbon disulfide	ND		ug/kg	16	3.2	1
2-Butanone	ND		ug/kg	16	0.56	1
Vinyl acetate	ND		ug/kg	16	0.76	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.36	1
2-Hexanone	ND		ug/kg	16	0.30	1
Bromochloromethane	ND		ug/kg	7.9	0.31	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.31	1
sec-Butylbenzene	ND		ug/kg	1.6	0.33	1
tert-Butylbenzene	ND		ug/kg	7.9	0.89	1
o-Chlorotoluene	ND		ug/kg	7.9	0.25	1
p-Chlorotoluene	ND		ug/kg	7.9	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	1.2	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.67	1
Isopropylbenzene	ND		ug/kg	1.6	0.27	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.30	1
Naphthalene	ND		ug/kg	7.9	1.2	1
Acrylonitrile	ND		ug/kg	16	0.38	1
n-Propylbenzene	ND		ug/kg	1.6	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	1.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.91	1
1,4-Dioxane	ND		ug/kg	160	28.	1
1,4-Diethylbenzene	ND		ug/kg	6.3	0.25	1
4-Ethyltoluene	ND		ug/kg	6.3	0.18	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13 Date Collected: 08/20/13 10:00

Client ID: SB-5 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.21	1
Ethyl ether	ND		ug/kg	7.9	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14
Client ID: SB-5 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/26/13 15:53
Analyst: BN
Percent Solids: 89%

Date Collected: 08/20/13 10:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.6	0.51	1
Bromoform	ND		ug/kg	4.5	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.6	0.88	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.16	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.27	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14 Date Collected: 08/20/13 10:30

Client ID: SB-5 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.12	1
p/m-Xylene	ND		ug/kg	2.2	0.36	1
o-Xylene	ND		ug/kg	2.2	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	4.6	J	ug/kg	11	3.5	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.40	1
Vinyl acetate	ND		ug/kg	11	0.54	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.25	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.6	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.6	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.6	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.6	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.6	0.63	1
o-Chlorotoluene	ND		ug/kg	5.6	0.18	1
p-Chlorotoluene	ND		ug/kg	5.6	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.47	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	ND		ug/kg	5.6	0.86	1
Acrylonitrile	ND		ug/kg	11	0.26	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.88	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.64	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.5	0.18	1
4-Ethyltoluene	ND		ug/kg	4.5	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14 Date Collected: 08/20/13 10:30

Client ID: SB-5 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.14	1
Ethyl ether	ND		ug/kg	5.6	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-12 Batch: WG630904-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-12 Batch: WG630904-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	1.2
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-12 Batch: WG630904-3					
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.24
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/26/13 09:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG631529-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.25	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/26/13 09:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG631529-3					
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/26/13 09:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG631529-3					
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG631529-6					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG631529-6					
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG631529-6					
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG630904-1 WG630904-2								
Methylene chloride	103		103		70-130	0		20
1,1-Dichloroethane	99		98		70-130	1		20
Chloroform	99		97		70-130	2		20
2-Chloroethylvinyl ether	96		96		70-130	0		20
Carbon tetrachloride	101		100		63-132	1		20
1,2-Dichloropropane	96		96		70-130	0		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	100		98		70-130	2		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	102		101		75-130	1		20
Trichlorofluoromethane	124		120		62-150	3		20
1,2-Dichloroethane	97		99		70-130	2		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	101		101		67-130	0		20
trans-1,3-Dichloropropene	97		98		70-130	1		20
cis-1,3-Dichloropropene	95		97		70-130	2		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	99		99		54-136	0		20
1,1,2,2-Tetrachloroethane	91		92		67-130	1		20
Benzene	104		102		70-130	2		20
Toluene	105		102		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG630904-1 WG630904-2								
Ethylbenzene	109		106		70-130	3		20
Chloromethane	82		85		64-130	4		20
Bromomethane	66		64		39-139	3		20
Vinyl chloride	112		114		55-140	2		20
Chloroethane	119		119		55-138	0		20
1,1-Dichloroethene	109		108		61-145	1		20
trans-1,2-Dichloroethene	97		96		70-130	1		20
Trichloroethene	101		98		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	104		102		70-130	2		20
1,4-Dichlorobenzene	99		98		70-130	1		20
Methyl tert butyl ether	89		94		63-130	5		20
p/m-Xylene	108		107		70-130	1		20
o-Xylene	111		108		70-130	3		20
cis-1,2-Dichloroethene	101		99		70-130	2		20
Dibromomethane	98		103		70-130	5		20
1,2,3-Trichloropropane	96		95		64-130	1		20
Acrylonitrile	81		84		70-130	4		20
Isopropyl Ether	90		90		70-130	0		20
tert-Butyl Alcohol	86		92		70-130	7		20
Styrene	114		112		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG630904-1 WG630904-2								
Dichlorodifluoromethane	100		96		36-147	4		20
Acetone	125		112		58-148	11		20
Carbon disulfide	99		97		51-130	2		20
2-Butanone	87		98		63-138	12		20
Vinyl acetate	86		89		70-130	3		20
4-Methyl-2-pentanone	73		76		59-130	4		20
2-Hexanone	90		87		57-130	3		20
Bromochloromethane	103		102		70-130	1		20
2,2-Dichloropropane	107		105		63-133	2		20
1,2-Dibromoethane	92		92		70-130	0		20
1,3-Dichloropropane	98		97		70-130	1		20
1,1,1,2-Tetrachloroethane	102		101		64-130	1		20
Bromobenzene	101		99		70-130	2		20
n-Butylbenzene	99		100		53-136	1		20
sec-Butylbenzene	105		103		70-130	2		20
tert-Butylbenzene	102		102		70-130	0		20
o-Chlorotoluene	113		111		70-130	2		20
p-Chlorotoluene	108		106		70-130	2		20
1,2-Dibromo-3-chloropropane	86		88		41-144	2		20
Hexachlorobutadiene	93		92		63-130	1		20
Isopropylbenzene	109		105		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG630904-1 WG630904-2								
p-Isopropyltoluene	102		101		70-130	1		20
Naphthalene	99		109		70-130	10		20
n-Propylbenzene	104		102		69-130	2		20
1,2,3-Trichlorobenzene	89		95		70-130	7		20
1,2,4-Trichlorobenzene	87		95		70-130	9		20
1,3,5-Trimethylbenzene	105		105		64-130	0		20
1,2,4-Trimethylbenzene	98		99		70-130	1		20
Methyl Acetate	88		87		70-130	1		20
Ethyl Acetate	86		89		70-130	3		20
Cyclohexane	93		93		70-130	0		20
Ethyl-Tert-Butyl-Ether	88		89		70-130	1		20
Tertiary-Amyl Methyl Ether	90		93		66-130	3		20
1,4-Dioxane	91		96		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		116		70-130	3		20
1,4-Diethylbenzene	99		99		70-130	0		20
4-Ethyltoluene	104		102		70-130	2		20
1,2,4,5-Tetramethylbenzene	120		122		70-130	2		20
Ethyl ether	111		109		59-134	2		20
trans-1,4-Dichloro-2-butene	72		77		70-130	7		20
Methyl cyclohexane	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG630904-1 WG630904-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	97		99		70-130

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG631529-1 WG631529-2								
Methylene chloride	97		103		70-130	6		30
1,1-Dichloroethane	98		105		70-130	7		30
Chloroform	96		103		70-130	7		30
Carbon tetrachloride	108		116		70-130	7		30
1,2-Dichloropropane	97		107		70-130	10		30
Dibromochloromethane	106		119		70-130	12		30
1,1,2-Trichloroethane	97		108		70-130	11		30
Tetrachloroethene	97		106		70-130	9		30
Chlorobenzene	98		108		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG631529-1 WG631529-2								
Trichlorofluoromethane	92		96		70-139	4		30
1,2-Dichloroethane	90		98		70-130	9		30
1,1,1-Trichloroethane	107		114		70-130	6		30
Bromodichloromethane	101		110		70-130	9		30
trans-1,3-Dichloropropene	88		98		70-130	11		30
cis-1,3-Dichloropropene	94		102		70-130	8		30
1,1-Dichloropropene	97		103		70-130	6		30
Bromoform	98		109		70-130	11		30
1,1,2,2-Tetrachloroethane	97		109		70-130	12		30
Benzene	98		106		70-130	8		30
Toluene	95		103		70-130	8		30
Ethylbenzene	101		110		70-130	9		30
Chloromethane	85		87		52-130	2		30
Bromomethane	93		104		57-147	11		30
Vinyl chloride	96		98		67-130	2		30
Chloroethane	98		102		50-151	4		30
1,1-Dichloroethene	96		102		65-135	6		30
trans-1,2-Dichloroethene	96		104		70-130	8		30
Trichloroethene	97		104		70-130	7		30
1,2-Dichlorobenzene	96		109		70-130	13		30
1,3-Dichlorobenzene	99		110		70-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG631529-1 WG631529-2								
1,4-Dichlorobenzene	99		110		70-130	11		30
Methyl tert butyl ether	100		110		66-130	10		30
p/m-Xylene	99		108		70-130	9		30
o-Xylene	98		108		70-130	10		30
cis-1,2-Dichloroethene	96		103		70-130	7		30
Dibromomethane	93		102		70-130	9		30
Styrene	102		113		70-130	10		30
Dichlorodifluoromethane	61		62		30-146	2		30
Acetone	82		86		54-140	5		30
Carbon disulfide	92		98		59-130	6		30
2-Butanone	82		85		70-130	4		30
Vinyl acetate	94		104		70-130	10		30
4-Methyl-2-pentanone	91		98		70-130	7		30
1,2,3-Trichloropropane	94		105		68-130	11		30
2-Hexanone	88		97		70-130	10		30
Bromochloromethane	93		100		70-130	7		30
2,2-Dichloropropane	108		114		70-130	5		30
1,2-Dibromoethane	103		113		70-130	9		30
1,3-Dichloropropane	95		105		69-130	10		30
1,1,1,2-Tetrachloroethane	100		110		70-130	10		30
Bromobenzene	95		106		70-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG631529-1 WG631529-2								
n-Butylbenzene	103		114		70-130	10		30
sec-Butylbenzene	104		113		70-130	8		30
tert-Butylbenzene	99		109		70-130	10		30
o-Chlorotoluene	100		110		70-130	10		30
p-Chlorotoluene	99		109		70-130	10		30
1,2-Dibromo-3-chloropropane	93		102		68-130	9		30
Hexachlorobutadiene	92		100		67-130	8		30
Isopropylbenzene	100		109		70-130	9		30
p-Isopropyltoluene	101		111		70-130	9		30
Naphthalene	90		106		70-130	16		30
Acrylonitrile	91		98		70-130	7		30
Isopropyl Ether	95		103		66-130	8		30
tert-Butyl Alcohol	90		97		70-130	7		30
n-Propylbenzene	100		110		70-130	10		30
1,2,3-Trichlorobenzene	93		107		70-130	14		30
1,2,4-Trichlorobenzene	96		110		70-130	14		30
1,3,5-Trimethylbenzene	99		110		70-130	11		30
1,2,4-Trimethylbenzene	99		109		70-130	10		30
Methyl Acetate	92		96		51-146	4		30
Ethyl Acetate	98		104		70-130	6		30
Acrolein	89		99		70-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG631529-1 WG631529-2								
Cyclohexane	100		106		59-142	6		30
1,4-Dioxane	107		117		65-136	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		104		50-139	6		30
1,4-Diethylbenzene	101		113		70-130	11		30
4-Ethyltoluene	103		112		70-130	8		30
1,2,4,5-Tetramethylbenzene	99		111		70-130	11		30
Tetrahydrofuran	93		99		66-130	6		30
Ethyl ether	90		98		67-130	9		30
trans-1,4-Dichloro-2-butene	100		111		70-130	10		30
Methyl cyclohexane	102		107		70-130	5		30
Ethyl-Tert-Butyl-Ether	125		**139**	Q	70-130	11		30
Tertiary-Amyl Methyl Ether	84		93		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	130		107		70-130
Toluene-d8	109		107		70-130
4-Bromofluorobenzene	105		107		70-130
Dibromofluoromethane	123		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG631529-4 WG631529-5								
Methylene chloride	91		97		70-130	6		30
1,1-Dichloroethane	84		93		70-130	10		30
Chloroform	81		92		70-130	13		30
Carbon tetrachloride	91		100		70-130	9		30
1,2-Dichloropropane	84		94		70-130	11		30
Dibromochloromethane	98		104		70-130	6		30
1,1,2-Trichloroethane	90		94		70-130	4		30
Tetrachloroethene	91		93		70-130	2		30
Chlorobenzene	90		95		70-130	5		30
Trichlorofluoromethane	81		86		70-139	6		30
1,2-Dichloroethane	76		85		70-130	11		30
1,1,1-Trichloroethane	94		102		70-130	8		30
Bromodichloromethane	85		96		70-130	12		30
trans-1,3-Dichloropropene	83		87		70-130	5		30
cis-1,3-Dichloropropene	81		91		70-130	12		30
1,1-Dichloropropene	84		91		70-130	8		30
Bromoform	100		98		70-130	2		30
1,1,2,2-Tetrachloroethane	100		96		70-130	4		30
Benzene	83		92		70-130	10		30
Toluene	86		91		70-130	6		30
Ethylbenzene	93		97		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG631529-4 WG631529-5								
Chloromethane	75		80		52-130	6		30
Bromomethane	82		89		57-147	8		30
Vinyl chloride	88		90		67-130	2		30
Chloroethane	88		91		50-151	3		30
1,1-Dichloroethene	85		91		65-135	7		30
trans-1,2-Dichloroethene	83		91		70-130	9		30
Trichloroethene	82		91		70-130	10		30
1,2-Dichlorobenzene	98		96		70-130	2		30
1,3-Dichlorobenzene	100		98		70-130	2		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	89		99		66-130	11		30
p/m-Xylene	92		96		70-130	4		30
o-Xylene	91		96		70-130	5		30
cis-1,2-Dichloroethene	81		92		70-130	13		30
Dibromomethane	78		88		70-130	12		30
Styrene	95		100		70-130	5		30
Dichlorodifluoromethane	52		57		30-146	9		30
Acetone	84		77		54-140	9		30
Carbon disulfide	81		88		59-130	8		30
2-Butanone	81		77		70-130	5		30
Vinyl acetate	86		93		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG631529-4 WG631529-5								
4-Methyl-2-pentanone	83		89		70-130	7		30
1,2,3-Trichloropropane	97		92		68-130	5		30
2-Hexanone	92		87		70-130	6		30
Bromochloromethane	80		89		70-130	11		30
2,2-Dichloropropane	98		105		70-130	7		30
1,2-Dibromoethane	98		101		70-130	3		30
1,3-Dichloropropane	88		92		69-130	4		30
1,1,1,2-Tetrachloroethane	92		97		70-130	5		30
Bromobenzene	96		94		70-130	2		30
n-Butylbenzene	106		101		70-130	5		30
sec-Butylbenzene	106		101		70-130	5		30
tert-Butylbenzene	101		97		70-130	4		30
o-Chlorotoluene	101		98		70-130	3		30
p-Chlorotoluene	100		97		70-130	3		30
1,2-Dibromo-3-chloropropane	96		92		68-130	4		30
Hexachlorobutadiene	94		91		67-130	3		30
Isopropylbenzene	93		96		70-130	3		30
p-Isopropyltoluene	103		99		70-130	4		30
Naphthalene	96		93		70-130	3		30
Acrylonitrile	81		86		70-130	6		30
Isopropyl Ether	82		92		66-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG631529-4 WG631529-5								
tert-Butyl Alcohol	80		88		70-130	10		30
n-Propylbenzene	101		98		70-130	3		30
1,2,3-Trichlorobenzene	97		95		70-130	2		30
1,2,4-Trichlorobenzene	99		97		70-130	2		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	100		98		70-130	2		30
Methyl Acetate	72		85		51-146	17		30
Ethyl Acetate	87		91		70-130	4		30
Acrolein	81		89		70-130	9		30
Cyclohexane	87		94		59-142	8		30
1,4-Dioxane	102		107		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		94		50-139	7		30
1,4-Diethylbenzene	104		100		70-130	4		30
4-Ethyltoluene	104		100		70-130	4		30
1,2,4,5-Tetramethylbenzene	101		99		70-130	2		30
Tetrahydrofuran	84		87		66-130	4		30
Ethyl ether	81		88		67-130	8		30
trans-1,4-Dichloro-2-butene	101		98		70-130	3		30
Methyl cyclohexane	88		95		70-130	8		30
Ethyl-Tert-Butyl-Ether	112		127		70-130	13		30
Tertiary-Amyl Methyl Ether	76		85		70-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG631529-4 WG631529-5								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	94		100		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	93		99		70-130

SEMIVOLATILES

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-01	Date Collected:	08/20/13 09:15
Client ID:	SB-1 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:56
Analytical Date:	08/27/13 23:37		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	61.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	40.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01 Date Collected: 08/20/13 09:15

Client ID: SB-1 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	49.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	50.	1
Dibenzofuran	ND		ug/kg	190	62.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	54.	1
2-Chlorophenol	ND		ug/kg	190	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	55.	1
2-Methylphenol	ND		ug/kg	190	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01 Date Collected: 08/20/13 09:15

Client ID: SB-1 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	99		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-02	Date Collected:	08/20/13 09:20
Client ID:	SB-1 (15-17)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:56
Analytical Date:	08/28/13 00:05		
Analyst:	JB		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	65.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	ND		ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1
Benzo(a)anthracene	ND		ug/kg	120	39.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02 Date Collected: 08/20/13 09:20

Client ID: SB-1 (15-17) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	57.	1
Phenanthrene	ND		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	44.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	450	66.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	55.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	430	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	950	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	73.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	59.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02 Date Collected: 08/20/13 09:20

Client ID: SB-1 (15-17) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	86		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-03	Date Collected:	08/20/13 10:55
Client ID:	SB-2 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:56
Analytical Date:	08/28/13 00:33		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	980		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	470		ug/kg	100	34.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	450		ug/kg	140	42.	1
Benzo(b)fluoranthene	580		ug/kg	100	35.	1
Benzo(k)fluoranthene	240		ug/kg	100	33.	1
Chrysene	510		ug/kg	100	34.	1
Acenaphthylene	94	J	ug/kg	140	32.	1
Anthracene	140		ug/kg	100	29.	1
Benzo(ghi)perylene	260		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	470		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	74	J	ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	330		ug/kg	140	38.	1
Pyrene	990		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03 Date Collected: 08/20/13 10:55

Client ID: SB-2 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	99		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-04	Date Collected:	08/20/13 11:00
Client ID:	SB-2 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:56
Analytical Date:	08/28/13 01:00		
Analyst:	JB		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	46.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	72.	1
Hexachlorobenzene	ND		ug/kg	130	41.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	62.	1
2-Chloronaphthalene	ND		ug/kg	220	72.	1
1,2-Dichlorobenzene	ND		ug/kg	220	72.	1
1,3-Dichlorobenzene	ND		ug/kg	220	70.	1
1,4-Dichlorobenzene	ND		ug/kg	220	67.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	57.	1
Fluoranthene	ND		ug/kg	130	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	67.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	67.	1
Hexachlorobutadiene	ND		ug/kg	220	62.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	140	1
Hexachloroethane	ND		ug/kg	180	40.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	ND		ug/kg	220	73.	1
Nitrobenzene	ND		ug/kg	200	53.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	43.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	54.	1
Diethyl phthalate	ND		ug/kg	220	47.	1
Dimethyl phthalate	ND		ug/kg	220	56.	1
Benzo(a)anthracene	ND		ug/kg	130	43.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04 Date Collected: 08/20/13 11:00

Client ID: SB-2 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	45.	1
Benzo(k)fluoranthene	ND		ug/kg	130	42.	1
Chrysene	ND		ug/kg	130	43.	1
Acenaphthylene	ND		ug/kg	180	41.	1
Anthracene	ND		ug/kg	130	37.	1
Benzo(ghi)perylene	ND		ug/kg	180	46.	1
Fluorene	ND		ug/kg	220	63.	1
Phenanthrene	83	J	ug/kg	130	43.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	43.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	180	49.	1
Pyrene	ND		ug/kg	130	43.	1
Biphenyl	ND		ug/kg	500	73.	1
4-Chloroaniline	ND		ug/kg	220	58.	1
2-Nitroaniline	ND		ug/kg	220	62.	1
3-Nitroaniline	ND		ug/kg	220	61.	1
4-Nitroaniline	ND		ug/kg	220	60.	1
Dibenzofuran	ND		ug/kg	220	74.	1
2-Methylnaphthalene	ND		ug/kg	260	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	68.	1
Acetophenone	ND		ug/kg	220	68.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
P-Chloro-M-Cresol	ND		ug/kg	220	64.	1
2-Chlorophenol	ND		ug/kg	220	67.	1
2,4-Dichlorophenol	ND		ug/kg	200	72.	1
2,4-Dimethylphenol	ND		ug/kg	220	66.	1
2-Nitrophenol	ND		ug/kg	480	69.	1
4-Nitrophenol	ND		ug/kg	310	72.	1
2,4-Dinitrophenol	ND		ug/kg	1100	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	81.	1
Pentachlorophenol	ND		ug/kg	180	47.	1
Phenol	ND		ug/kg	220	65.	1
2-Methylphenol	ND		ug/kg	220	71.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	72.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	72.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	48.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04 Date Collected: 08/20/13 11:00

Client ID: SB-2 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	82		18-120

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-05	Date Collected:	08/20/13 12:00
Client ID:	SB-3 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 01:27		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	51.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	1100		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	64.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	55.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	120	1
Hexachloroethane	ND		ug/kg	150	33.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	340		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	54.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	46.	1
Benzo(a)anthracene	460		ug/kg	110	36.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05 Date Collected: 08/20/13 12:00

Client ID: SB-3 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	350		ug/kg	150	45.	1
Benzo(b)fluoranthene	490		ug/kg	110	37.	1
Benzo(k)fluoranthene	140		ug/kg	110	35.	1
Chrysene	590		ug/kg	110	36.	1
Acenaphthylene	600		ug/kg	150	34.	1
Anthracene	360		ug/kg	110	30.	1
Benzo(ghi)perylene	180		ug/kg	150	38.	1
Fluorene	220		ug/kg	180	52.	1
Phenanthrene	870		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	60	J	ug/kg	110	35.	1
Indeno(1,2,3-cd)Pyrene	190		ug/kg	150	41.	1
Pyrene	1600		ug/kg	110	36.	1
Biphenyl	74	J	ug/kg	420	60.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	50.	1
4-Nitroaniline	ND		ug/kg	180	49.	1
Dibenzofuran	110	J	ug/kg	180	61.	1
2-Methylnaphthalene	320		ug/kg	220	58.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	59.	1
2,4-Dimethylphenol	ND		ug/kg	180	54.	1
2-Nitrophenol	ND		ug/kg	400	57.	1
4-Nitrophenol	ND		ug/kg	260	59.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	59.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	39.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05 Date Collected: 08/20/13 12:00

Client ID: SB-3 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	97		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-06	Date Collected:	08/20/13 12:05
Client ID:	SB-3 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 01:55		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06 Date Collected: 08/20/13 12:05

Client ID: SB-3 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	41.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06 Date Collected: 08/20/13 12:05

Client ID: SB-3 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	97		0-136
4-Terphenyl-d14	77		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-07	Date Collected:	08/20/13 13:30
Client ID:	SB-4 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 02:22		
Analyst:	JB		
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	48.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	77.	1
Hexachlorobenzene	ND		ug/kg	140	44.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	66.	1
2-Chloronaphthalene	ND		ug/kg	230	76.	1
1,2-Dichlorobenzene	ND		ug/kg	230	77.	1
1,3-Dichlorobenzene	ND		ug/kg	230	74.	1
1,4-Dichlorobenzene	ND		ug/kg	230	71.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	50.	1
2,6-Dinitrotoluene	ND		ug/kg	230	60.	1
Fluoranthene	ND		ug/kg	140	43.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	71.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	54.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	82.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	71.	1
Hexachlorobutadiene	ND		ug/kg	230	66.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	150	1
Hexachloroethane	ND		ug/kg	190	42.	1
Isophorone	ND		ug/kg	210	62.	1
Naphthalene	ND		ug/kg	230	78.	1
Nitrobenzene	ND		ug/kg	210	56.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	190	49.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	70.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	230	61.	1
Butyl benzyl phthalate	ND		ug/kg	230	46.	1
Di-n-butylphthalate	ND		ug/kg	230	45.	1
Di-n-octylphthalate	ND		ug/kg	230	58.	1
Diethyl phthalate	ND		ug/kg	230	50.	1
Dimethyl phthalate	ND		ug/kg	230	59.	1
Benzo(a)anthracene	ND		ug/kg	140	46.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07 Date Collected: 08/20/13 13:30

Client ID: SB-4 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	190	57.	1
Benzo(b)fluoranthene	ND		ug/kg	140	47.	1
Benzo(k)fluoranthene	ND		ug/kg	140	45.	1
Chrysene	ND		ug/kg	140	46.	1
Acenaphthylene	ND		ug/kg	190	44.	1
Anthracene	ND		ug/kg	140	39.	1
Benzo(ghi)perylene	ND		ug/kg	190	49.	1
Fluorene	ND		ug/kg	230	67.	1
Phenanthrene	ND		ug/kg	140	46.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	45.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	190	52.	1
Pyrene	ND		ug/kg	140	46.	1
Biphenyl	ND		ug/kg	530	77.	1
4-Chloroaniline	ND		ug/kg	230	62.	1
2-Nitroaniline	ND		ug/kg	230	66.	1
3-Nitroaniline	ND		ug/kg	230	65.	1
4-Nitroaniline	ND		ug/kg	230	63.	1
Dibenzofuran	ND		ug/kg	230	78.	1
2-Methylnaphthalene	ND		ug/kg	280	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	72.	1
Acetophenone	ND		ug/kg	230	73.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
P-Chloro-M-Cresol	ND		ug/kg	230	68.	1
2-Chlorophenol	ND		ug/kg	230	71.	1
2,4-Dichlorophenol	ND		ug/kg	210	76.	1
2,4-Dimethylphenol	ND		ug/kg	230	70.	1
2-Nitrophenol	ND		ug/kg	500	73.	1
4-Nitrophenol	ND		ug/kg	330	76.	1
2,4-Dinitrophenol	ND		ug/kg	1100	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	86.	1
Pentachlorophenol	ND		ug/kg	190	50.	1
Phenol	ND		ug/kg	230	69.	1
2-Methylphenol	ND		ug/kg	230	75.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	77.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	76.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	ND		ug/kg	230	50.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07 Date Collected: 08/20/13 13:30

Client ID: SB-4 (7-9) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	107		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-08	Date Collected:	08/20/13 13:35
Client ID:	SB-4 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 02:50		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	140		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	54	J	ug/kg	110	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08 Date Collected: 08/20/13 13:35

Client ID: SB-4 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	50	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	60	J	ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	56	J	ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	31	J	ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	140		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	130		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	54.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08 Date Collected: 08/20/13 13:35

Client ID: SB-4 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	76		18-120

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-09	Date Collected:	08/20/13 09:50
Client ID:	TW-1	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	08/23/13 09:08
Analytical Date:	08/26/13 23:07		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09 Date Collected: 08/20/13 09:50

Client ID: TW-1 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	71		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-09	Date Collected:	08/20/13 09:50
Client ID:	TW-1	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	08/23/13 09:10
Analytical Date:	08/25/13 16:38		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.12	J	ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	2.1		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.17	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	0.93		ug/l	0.20	0.06	1
Benzo(a)pyrene	0.87		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	1.0		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	0.46		ug/l	0.20	0.07	1
Chrysene	1.1		ug/l	0.20	0.05	1
Acenaphthylene	0.19	J	ug/l	0.20	0.05	1
Anthracene	0.34		ug/l	0.20	0.06	1
Benzo(ghi)perylene	0.62		ug/l	0.20	0.07	1
Fluorene	0.24		ug/l	0.20	0.06	1
Phenanthrene	1.9		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	0.15	J	ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	0.54		ug/l	0.20	0.08	1
Pyrene	2.1		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.08	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	48		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-10	Date Collected:	08/20/13 11:20
Client ID:	TW-2	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	08/23/13 09:08
Analytical Date:	08/26/13 23:33		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10 Date Collected: 08/20/13 11:20

Client ID: TW-2 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	72		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-10	Date Collected:	08/20/13 11:20
Client ID:	TW-2	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	08/23/13 09:10
Analytical Date:	08/25/13 17:02		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	55		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-11	Date Collected:	08/20/13 13:00
Client ID:	TW-3	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	08/23/13 09:08
Analytical Date:	08/26/13 23:59		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-11 Date Collected: 08/20/13 13:00

Client ID: TW-3 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	84		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-11	Date Collected:	08/20/13 13:00
Client ID:	TW-3	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	08/23/13 09:10
Analytical Date:	08/25/13 17:27		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	56		41-149

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-12	Date Collected:	08/20/13 14:00
Client ID:	TW-4	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	08/23/13 09:08
Analytical Date:	08/27/13 00:24		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-12 Date Collected: 08/20/13 14:00

Client ID: TW-4 Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	86		41-149

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-12	Date Collected:	08/20/13 14:00
Client ID:	TW-4	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	08/23/13 09:10
Analytical Date:	08/25/13 17:51		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.07	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.18	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	55		41-149

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-13	Date Collected:	08/20/13 10:00
Client ID:	SB-5 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 03:17		
Analyst:	JB		
Percent Solids:	63%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	54.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	85.	1
Hexachlorobenzene	ND		ug/kg	160	48.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	73.	1
2-Chloronaphthalene	ND		ug/kg	260	85.	1
1,2-Dichlorobenzene	ND		ug/kg	260	85.	1
1,3-Dichlorobenzene	ND		ug/kg	260	82.	1
1,4-Dichlorobenzene	ND		ug/kg	260	79.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	69.	1
2,4-Dinitrotoluene	ND		ug/kg	260	56.	1
2,6-Dinitrotoluene	ND		ug/kg	260	66.	1
Fluoranthene	210		ug/kg	160	48.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	79.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	60.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	92.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	79.	1
Hexachlorobutadiene	ND		ug/kg	260	73.	1
Hexachlorocyclopentadiene	ND		ug/kg	740	170	1
Hexachloroethane	ND		ug/kg	210	47.	1
Isophorone	ND		ug/kg	230	69.	1
Naphthalene	ND		ug/kg	260	86.	1
Nitrobenzene	ND		ug/kg	230	62.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	210	55.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	77.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	260	68.	1
Butyl benzyl phthalate	ND		ug/kg	260	51.	1
Di-n-butylphthalate	ND		ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	64.	1
Diethyl phthalate	ND		ug/kg	260	55.	1
Dimethyl phthalate	ND		ug/kg	260	66.	1
Benzo(a)anthracene	120	J	ug/kg	160	51.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13 Date Collected: 08/20/13 10:00

Client ID: SB-5 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	130	J	ug/kg	210	64.	1
Benzo(b)fluoranthene	180		ug/kg	160	52.	1
Benzo(k)fluoranthene	69	J	ug/kg	160	50.	1
Chrysene	140	J	ug/kg	160	51.	1
Acenaphthylene	ND		ug/kg	210	49.	1
Anthracene	ND		ug/kg	160	43.	1
Benzo(ghi)perylene	110	J	ug/kg	210	54.	1
Fluorene	ND		ug/kg	260	74.	1
Phenanthrene	51	J	ug/kg	160	51.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	50.	1
Indeno(1,2,3-cd)Pyrene	110	J	ug/kg	210	58.	1
Pyrene	200		ug/kg	160	50.	1
Biphenyl	ND		ug/kg	590	86.	1
4-Chloroaniline	ND		ug/kg	260	69.	1
2-Nitroaniline	ND		ug/kg	260	73.	1
3-Nitroaniline	ND		ug/kg	260	72.	1
4-Nitroaniline	ND		ug/kg	260	70.	1
Dibenzofuran	ND		ug/kg	260	87.	1
2-Methylnaphthalene	ND		ug/kg	310	83.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	80.	1
Acetophenone	ND		ug/kg	260	81.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	49.	1
P-Chloro-M-Cresol	ND		ug/kg	260	75.	1
2-Chlorophenol	ND		ug/kg	260	78.	1
2,4-Dichlorophenol	ND		ug/kg	230	84.	1
2,4-Dimethylphenol	ND		ug/kg	260	77.	1
2-Nitrophenol	ND		ug/kg	560	81.	1
4-Nitrophenol	ND		ug/kg	360	84.	1
2,4-Dinitrophenol	ND		ug/kg	1200	360	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	95.	1
Pentachlorophenol	ND		ug/kg	210	56.	1
Phenol	ND		ug/kg	260	77.	1
2-Methylphenol	ND		ug/kg	260	84.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	370	85.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	84.	1
Benzoic Acid	ND		ug/kg	840	260	1
Benzyl Alcohol	ND		ug/kg	260	80.	1
Carbazole	ND		ug/kg	260	56.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13 Date Collected: 08/20/13 10:00

Client ID: SB-5 (0-2) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	105		0-136
4-Terphenyl-d14	81		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-14	Date Collected:	08/20/13 10:30
Client ID:	SB-5 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/22/13 21:59
Analytical Date:	08/28/13 03:44		
Analyst:	JB		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	33.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	ND		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14 Date Collected: 08/20/13 10:30

Client ID: SB-5 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	41.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	61.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	57.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	180	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14 Date Collected: 08/20/13 10:30

Client ID: SB-5 (18-20) Date Received: 08/20/13

Sample Location: 475 BAY STREET, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	74		18-120

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/27/13 18:35
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/22/13 21:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630962-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/27/13 18:35
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/22/13 21:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630962-1					
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/27/13 18:35
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/22/13 21:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630962-1					
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	92		18-120

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/13 18:49
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 08/23/13 09:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-12 Batch: WG631075-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/26/13 18:49
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 08/23/13 09:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-12 Batch: WG631075-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	73		41-149

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/26/13 09:39
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 08/23/13 09:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-12 Batch: WG631080-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/26/13 09:39
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 08/23/13 09:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-12 Batch: WG631080-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	50		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630962-2 WG630962-3								
Acenaphthene	68		80		31-137	16		50
1,2,4-Trichlorobenzene	52		69		38-107	28		50
Hexachlorobenzene	115		113		40-140	2		50
Bis(2-chloroethyl)ether	46		57		40-140	21		50
2-Chloronaphthalene	64		82		40-140	25		50
1,2-Dichlorobenzene	51		62		40-140	19		50
1,3-Dichlorobenzene	50		61		40-140	20		50
1,4-Dichlorobenzene	50		62		28-104	21		50
3,3'-Dichlorobenzidine	74		76		40-140	3		50
2,4-Dinitrotoluene	**96**	Q	**110**	Q	28-89	14		50
2,6-Dinitrotoluene	93		108		40-140	15		50
Fluoranthene	93		99		40-140	6		50
4-Chlorophenyl phenyl ether	82		87		40-140	6		50
4-Bromophenyl phenyl ether	104		103		40-140	1		50
Bis(2-chloroisopropyl)ether	**27**	Q	**33**	Q	40-140	20		50
Bis(2-chloroethoxy)methane	55		68		40-117	21		50
Hexachlorobutadiene	56		74		40-140	28		50
Hexachlorocyclopentadiene	59		73		40-140	21		50
Hexachloroethane	50		60		40-140	18		50
Isophorone	58		70		40-140	19		50
Naphthalene	54		69		40-140	24		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630962-2 WG630962-3								
Nitrobenzene	51		65		40-140	24		50
NitrosoDiPhenylAmine(NDPA)/DPA	101		99			2		50
n-Nitrosodi-n-propylamine	53		64		32-121	19		50
Bis(2-Ethylhexyl)phthalate	87		96		40-140	10		50
Butyl benzyl phthalate	109		107		40-140	2		50
Di-n-butylphthalate	96		101		40-140	5		50
Di-n-octylphthalate	86		99		40-140	14		50
Diethyl phthalate	88		101		40-140	14		50
Dimethyl phthalate	86		90		40-140	5		50
Benzo(a)anthracene	83		89		40-140	7		50
Benzo(a)pyrene	86		92		40-140	7		50
Benzo(b)fluoranthene	84		90		40-140	7		50
Benzo(k)fluoranthene	82		89		40-140	8		50
Chrysene	81		91		40-140	12		50
Acenaphthylene	74		91		40-140	21		50
Anthracene	85		92		40-140	8		50
Benzo(ghi)perylene	85		90		40-140	6		50
Fluorene	83		90		40-140	8		50
Phenanthrene	81		85		40-140	5		50
Dibenzo(a,h)anthracene	89		89		40-140	0		50
Indeno(1,2,3-cd)Pyrene	89		88		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630962-2 WG630962-3								
Pyrene	98		106		35-142	8		50
Biphenyl	62		74			18		50
4-Chloroaniline	48		44		40-140	9		50
2-Nitroaniline	86		99		47-134	14		50
3-Nitroaniline	67		73		26-129	9		50
4-Nitroaniline	99		94		41-125	5		50
Dibenzofuran	71		83		40-140	16		50
2-Methylnaphthalene	65		79		40-140	19		50
1,2,4,5-Tetrachlorobenzene	62		69		40-117	11		50
Acetophenone	57		70		14-144	20		50
2,4,6-Trichlorophenol	80		92		30-130	14		50
P-Chloro-M-Cresol	88		96		26-103	9		50
2-Chlorophenol	58		73		25-102	23		50
2,4-Dichlorophenol	69		86		30-130	22		50
2,4-Dimethylphenol	75		90		30-130	18		50
2-Nitrophenol	68		87		30-130	25		50
4-Nitrophenol	70		82		11-114	16		50
2,4-Dinitrophenol	88		98		4-130	11		50
4,6-Dinitro-o-cresol	113		112		10-130	1		50
Pentachlorophenol	81		88		17-109	8		50
Phenol	54		70		26-90	26		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630962-2 WG630962-3								
2-Methylphenol	61		76		30-130.	22		50
3-Methylphenol/4-Methylphenol	64		76		30-130	17		50
2,4,5-Trichlorophenol	88		104		30-130	17		50
Benzoic Acid	36		42			15		50
Benzyl Alcohol	57		70		40-140	20		50
Carbazole	89		94		54-128	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		65		25-120
Phenol-d6	59		69		10-120
Nitrobenzene-d5	57		65		23-120
2-Fluorobiphenyl	64		78		30-120
2,4,6-Tribromophenol	108		109		0-136
4-Terphenyl-d14	103		100		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG631075-2 WG631075-3								
1,2,4-Trichlorobenzene	53		56		39-98	6		30
Bis(2-chloroethyl)ether	62		66		40-140	6		30
1,2-Dichlorobenzene	51		55		40-140	8		30
1,3-Dichlorobenzene	50		53		40-140	6		30
1,4-Dichlorobenzene	51		54		36-97	6		30
3,3'-Dichlorobenzidine	65		67		40-140	3		30
2,4-Dinitrotoluene	96		95		24-96	1		30
2,6-Dinitrotoluene	94		95		40-140	1		30
4-Chlorophenyl phenyl ether	81		84		40-140	4		30
4-Bromophenyl phenyl ether	89		92		40-140	3		30
Bis(2-chloroisopropyl)ether	59		61		40-140	3		30
Bis(2-chloroethoxy)methane	65		68		40-140	5		30
Hexachlorocyclopentadiene	44		50		40-140	13		30
Isophorone	66		72		40-140	9		30
Nitrobenzene	65		68		40-140	5		30
NitrosoDiPhenylAmine(NDPA)/DPA	88		89		40-140	1		30
n-Nitrosodi-n-propylamine	63		70		29-132	11		30
Bis(2-Ethylhexyl)phthalate	98		98		40-140	0		30
Butyl benzyl phthalate	96		97		40-140	1		30
Di-n-butylphthalate	96		99		40-140	3		30
Di-n-octylphthalate	93		92		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG631075-2 WG631075-3								
Diethyl phthalate	96		94		40-140	2		30
Dimethyl phthalate	90		91		40-140	1		30
Biphenyl	59		65			10		30
4-Chloroaniline	52		58		40-140	11		30
2-Nitroaniline	86		90		52-143	5		30
3-Nitroaniline	68		71		25-145	4		30
4-Nitroaniline	91		89		51-143	2		30
Dibenzofuran	76		80		40-140	5		30
1,2,4,5-Tetrachlorobenzene	52		59		2-134	13		30
Acetophenone	61		65		39-129	6		30
2,4,6-Trichlorophenol	86		91		30-130	6		30
P-Chloro-M-Cresol	84		87		23-97	4		30
2-Chlorophenol	64		68		27-123	6		30
2,4-Dichlorophenol	72		77		30-130	7		30
2,4-Dimethylphenol	67		71		30-130	6		30
2-Nitrophenol	65		72		30-130	10		30
4-Nitrophenol	53		52		10-80	2		30
2,4-Dinitrophenol	100		106		20-130	6		30
4,6-Dinitro-o-cresol	115		110		20-164	4		30
Phenol	32		33		12-110	3		30
2-Methylphenol	62		63		30-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-12 Batch: WG631075-2 WG631075-3								
3-Methylphenol/4-Methylphenol	58		63		30-130	8		30
2,4,5-Trichlorophenol	87		89		30-130	2		30
Benzoic Acid	31		34			9		30
Benzyl Alcohol	56		60			7		30
Carbazole	92		93		55-144	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		46		21-120
Phenol-d6	31		33		10-120
Nitrobenzene-d5	64		69		23-120
2-Fluorobiphenyl	69		74		15-120
2,4,6-Tribromophenol	115		120		10-120
4-Terphenyl-d14	92		92		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-12 Batch: WG631080-2 WG631080-3								
Acenaphthene	62		56		37-111	10		40
2-Chloronaphthalene	64		59		40-140	8		40
Fluoranthene	80		79		40-140	1		40
Hexachlorobutadiene	52		44		40-140	17		40
Naphthalene	61		55		40-140	10		40
Benzo(a)anthracene	74		74		40-140	0		40
Benzo(a)pyrene	71		69		40-140	3		40
Benzo(b)fluoranthene	82		68		40-140	19		40
Benzo(k)fluoranthene	68		78		40-140	14		40
Chrysene	69		70		40-140	1		40
Acenaphthylene	70		64		40-140	9		40
Anthracene	72		69		40-140	4		40
Benzo(ghi)perylene	74		64		40-140	14		40
Fluorene	66		60		40-140	10		40
Phenanthrene	68		64		40-140	6		40
Dibenzo(a,h)anthracene	76		64		40-140	17		40
Indeno(1,2,3-cd)Pyrene	77		65		40-140	17		40
Pyrene	74		73		26-127	1		40
2-Methylnaphthalene	58		52		40-140	11		40
Pentachlorophenol	82		76		9-103	8		40
Hexachlorobenzene	72		64		40-140	12		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-12 Batch: WG631080-2 WG631080-3								
Hexachloroethane	58		50		40-140	15		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	38		36		21-120
Phenol-d6	28		24		10-120
Nitrobenzene-d5	63		54		23-120
2-Fluorobiphenyl	65		60		15-120
2,4,6-Tribromophenol	74		69		10-120
4-Terphenyl-d14	79		76		41-149

PCBS

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-01	Date Collected:	08/20/13 09:15
Client ID:	SB-1 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 16:36	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.8	7.46	1
Aroclor 1221	ND		ug/kg	37.8	11.4	1
Aroclor 1232	ND		ug/kg	37.8	8.02	1
Aroclor 1242	ND		ug/kg	37.8	7.17	1
Aroclor 1248	ND		ug/kg	37.8	4.57	1
Aroclor 1254	ND		ug/kg	37.8	5.96	1
Aroclor 1260	ND		ug/kg	37.8	6.56	1
Aroclor 1262	ND		ug/kg	37.8	2.79	1
Aroclor 1268	ND		ug/kg	37.8	5.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	49		30-150
Decachlorobiphenyl	59		30-150
2,4,5,6-Tetrachloro-m-xylene	48		30-150
Decachlorobiphenyl	63		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-02	Date Collected:	08/20/13 09:20
Client ID:	SB-1 (15-17)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 16:48	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	83%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	39.2	7.74	1
Aroclor 1221	ND		ug/kg	39.2	11.8	1
Aroclor 1232	ND		ug/kg	39.2	8.32	1
Aroclor 1242	ND		ug/kg	39.2	7.43	1
Aroclor 1248	ND		ug/kg	39.2	4.74	1
Aroclor 1254	ND		ug/kg	39.2	6.18	1
Aroclor 1260	ND		ug/kg	39.2	6.80	1
Aroclor 1262	ND		ug/kg	39.2	2.90	1
Aroclor 1268	ND		ug/kg	39.2	5.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	55		30-150
Decachlorobiphenyl	63		30-150
2,4,5,6-Tetrachloro-m-xylene	49		30-150
Decachlorobiphenyl	60		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-03	Date Collected:	08/20/13 10:55
Client ID:	SB-2 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 17:00	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.2	6.76	1
Aroclor 1221	ND		ug/kg	34.2	10.3	1
Aroclor 1232	ND		ug/kg	34.2	7.28	1
Aroclor 1242	ND		ug/kg	34.2	6.50	1
Aroclor 1248	ND		ug/kg	34.2	4.14	1
Aroclor 1254	ND		ug/kg	34.2	5.40	1
Aroclor 1260	ND		ug/kg	34.2	5.94	1
Aroclor 1262	ND		ug/kg	34.2	2.53	1
Aroclor 1268	ND		ug/kg	34.2	4.97	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	63		30-150
2,4,5,6-Tetrachloro-m-xylene	49		30-150
Decachlorobiphenyl	71		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-04	Date Collected:	08/20/13 11:00
Client ID:	SB-2 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 17:12	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	75%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	43.5	8.58	1
Aroclor 1221	ND		ug/kg	43.5	13.1	1
Aroclor 1232	ND		ug/kg	43.5	9.23	1
Aroclor 1242	ND		ug/kg	43.5	8.25	1
Aroclor 1248	ND		ug/kg	43.5	5.26	1
Aroclor 1254	ND		ug/kg	43.5	6.85	1
Aroclor 1260	ND		ug/kg	43.5	7.54	1
Aroclor 1262	ND		ug/kg	43.5	3.21	1
Aroclor 1268	ND		ug/kg	43.5	6.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	60		30-150
Decachlorobiphenyl	71		30-150
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	75		30-150

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-05	Date Collected:	08/20/13 12:00
Client ID:	SB-3 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 17:25	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.3	7.17	1
Aroclor 1221	ND		ug/kg	36.3	10.9	1
Aroclor 1232	ND		ug/kg	36.3	7.71	1
Aroclor 1242	ND		ug/kg	36.3	6.89	1
Aroclor 1248	ND		ug/kg	36.3	4.39	1
Aroclor 1254	ND		ug/kg	36.3	5.72	1
Aroclor 1260	ND		ug/kg	36.3	6.30	1
Aroclor 1262	ND		ug/kg	36.3	2.68	1
Aroclor 1268	ND		ug/kg	36.3	5.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	39		30-150
Decachlorobiphenyl	52		30-150
2,4,5,6-Tetrachloro-m-xylene	31		30-150
Decachlorobiphenyl	53		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-06	Date Collected:	08/20/13 12:05
Client ID:	SB-3 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 17:37	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	38.6	7.62	1
Aroclor 1221	ND		ug/kg	38.6	11.6	1
Aroclor 1232	ND		ug/kg	38.6	8.20	1
Aroclor 1242	ND		ug/kg	38.6	7.32	1
Aroclor 1248	ND		ug/kg	38.6	4.67	1
Aroclor 1254	ND		ug/kg	38.6	6.08	1
Aroclor 1260	ND		ug/kg	38.6	6.70	1
Aroclor 1262	ND		ug/kg	38.6	2.85	1
Aroclor 1268	ND		ug/kg	38.6	5.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	69		30-150
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	74		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-07	Date Collected:	08/20/13 13:30
Client ID:	SB-4 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:40
Analytical Date:	08/22/13 17:49	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	70%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	46.5	9.18	1
Aroclor 1221	ND		ug/kg	46.5	14.0	1
Aroclor 1232	ND		ug/kg	46.5	9.88	1
Aroclor 1242	ND		ug/kg	46.5	8.82	1
Aroclor 1248	ND		ug/kg	46.5	5.62	1
Aroclor 1254	ND		ug/kg	46.5	7.33	1
Aroclor 1260	ND		ug/kg	46.5	8.07	1
Aroclor 1262	ND		ug/kg	46.5	3.44	1
Aroclor 1268	ND		ug/kg	46.5	6.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	59		30-150
2,4,5,6-Tetrachloro-m-xylene	50		30-150
Decachlorobiphenyl	58		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-08	Date Collected:	08/20/13 13:35
Client ID:	SB-4 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:42
Analytical Date:	08/22/13 18:02	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.9	7.28	1
Aroclor 1221	ND		ug/kg	36.9	11.1	1
Aroclor 1232	ND		ug/kg	36.9	7.83	1
Aroclor 1242	ND		ug/kg	36.9	7.00	1
Aroclor 1248	ND		ug/kg	36.9	4.46	1
Aroclor 1254	ND		ug/kg	36.9	5.81	1
Aroclor 1260	ND		ug/kg	36.9	6.40	1
Aroclor 1262	ND		ug/kg	36.9	2.73	1
Aroclor 1268	ND		ug/kg	36.9	5.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	59		30-150
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	80		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-09	Date Collected:	08/20/13 09:50
Client ID:	TW-1	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	08/21/13 11:31
Analytical Date:	08/22/13 10:27	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/21/13
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	45		30-150
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	46		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-10	Date Collected:	08/20/13 11:20
Client ID:	TW-2	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	08/21/13 11:31
Analytical Date:	08/22/13 10:40	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/21/13
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	50		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	50		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-11	Date Collected:	08/20/13 13:00
Client ID:	TW-3	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	08/21/13 11:31
Analytical Date:	08/22/13 10:53	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/21/13
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		30-150
Decachlorobiphenyl	43		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	41		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-12	Date Collected:	08/20/13 14:00
Client ID:	TW-4	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	08/21/13 11:31
Analytical Date:	08/22/13 11:07	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/21/13
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		30-150
Decachlorobiphenyl	45		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	45		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-13	Date Collected:	08/20/13 10:00
Client ID:	SB-5 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:42
Analytical Date:	08/22/13 18:14	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	63%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	52.3	10.3	1
Aroclor 1221	ND		ug/kg	52.3	15.8	1
Aroclor 1232	ND		ug/kg	52.3	11.1	1
Aroclor 1242	174		ug/kg	52.3	9.93	1
Aroclor 1248	ND		ug/kg	52.3	6.33	1
Aroclor 1254	ND		ug/kg	52.3	8.25	1
Aroclor 1260	ND		ug/kg	52.3	9.08	1
Aroclor 1262	ND		ug/kg	52.3	3.87	1
Aroclor 1268	ND		ug/kg	52.3	7.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	59		30-150
2,4,5,6-Tetrachloro-m-xylene	50		30-150
Decachlorobiphenyl	73		30-150

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-14	Date Collected:	08/20/13 10:30
Client ID:	SB-5 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/21/13 18:42
Analytical Date:	08/22/13 18:26	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/22/13
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.7	7.06	1
Aroclor 1221	ND		ug/kg	35.7	10.8	1
Aroclor 1232	ND		ug/kg	35.7	7.59	1
Aroclor 1242	ND		ug/kg	35.7	6.78	1
Aroclor 1248	ND		ug/kg	35.7	4.32	1
Aroclor 1254	ND		ug/kg	35.7	5.63	1
Aroclor 1260	ND		ug/kg	35.7	6.20	1
Aroclor 1262	ND		ug/kg	35.7	2.64	1
Aroclor 1268	ND		ug/kg	35.7	5.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	68		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	86		30-150

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/22/13 11:33
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 08/21/13 11:31
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/21/13
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/21/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09-12 Batch: WG630514-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032
Aroclor 1262	ND		ug/l	0.083	0.029
Aroclor 1268	ND		ug/l	0.083	0.038

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	82		30-150
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	79		30-150

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/22/13 15:34
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 08/21/13 18:40
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/22/13
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/22/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630634-1					
Aroclor 1016	ND		ug/kg	32.6	6.44
Aroclor 1221	ND		ug/kg	32.6	9.83
Aroclor 1232	ND		ug/kg	32.6	6.92
Aroclor 1242	ND		ug/kg	32.6	6.18
Aroclor 1248	ND		ug/kg	32.6	3.94
Aroclor 1254	ND		ug/kg	32.6	5.14
Aroclor 1260	ND		ug/kg	32.6	5.66
Aroclor 1262	ND		ug/kg	32.6	2.41
Aroclor 1268	ND		ug/kg	32.6	4.73

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	67		30-150
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	79		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09-12 Batch: WG630514-2 WG630514-3								
Aroclor 1016	91		86		40-140	5		50
Aroclor 1260	93		94		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		58		30-150
Decachlorobiphenyl	84		84		30-150
2,4,5,6-Tetrachloro-m-xylene	65		60		30-150
Decachlorobiphenyl	81		79		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630634-2 WG630634-3								
Aroclor 1016	71		72		40-140	1		50
Aroclor 1260	63		64		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		62		30-150
Decachlorobiphenyl	68		68		30-150
2,4,5,6-Tetrachloro-m-xylene	56		57		30-150
Decachlorobiphenyl	70		70		30-150

PESTICIDES

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-01	Date Collected:	08/20/13 09:15
Client ID:	SB-1 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 17:26	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.84	0.361	1
Lindane	ND		ug/kg	0.768	0.343	1
Alpha-BHC	ND		ug/kg	0.768	0.218	1
Beta-BHC	ND		ug/kg	1.84	0.698	1
Heptachlor	ND		ug/kg	0.921	0.413	1
Aldrin	ND		ug/kg	1.84	0.649	1
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1
Endrin	ND		ug/kg	0.768	0.315	1
Endrin ketone	ND		ug/kg	1.84	0.474	1
Dieldrin	ND		ug/kg	1.15	0.576	1
4,4'-DDE	ND		ug/kg	1.84	0.426	1
4,4'-DDD	ND		ug/kg	1.84	0.657	1
4,4'-DDT	ND		ug/kg	3.45	1.48	1
Endosulfan I	ND		ug/kg	1.84	0.435	1
Endosulfan II	ND		ug/kg	1.84	0.616	1
Endosulfan sulfate	ND		ug/kg	0.768	0.351	1
Methoxychlor	ND		ug/kg	3.45	1.07	1
Toxaphene	ND		ug/kg	34.5	9.67	1
cis-Chlordane	ND		ug/kg	2.30	0.642	1
trans-Chlordane	ND		ug/kg	2.30	0.608	1
Chlordane	ND		ug/kg	15.0	6.10	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-02	Date Collected:	08/20/13 09:20
Client ID:	SB-1 (15-17)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 17:38	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.84	0.360	1
Lindane	ND		ug/kg	0.765	0.342	1
Alpha-BHC	ND		ug/kg	0.765	0.217	1
Beta-BHC	ND		ug/kg	1.84	0.696	1
Heptachlor	ND		ug/kg	0.918	0.412	1
Aldrin	ND		ug/kg	1.84	0.646	1
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1
Endrin	ND		ug/kg	0.765	0.314	1
Endrin ketone	ND		ug/kg	1.84	0.473	1
Dieldrin	ND		ug/kg	1.15	0.574	1
4,4'-DDE	ND		ug/kg	1.84	0.424	1
4,4'-DDD	ND		ug/kg	1.84	0.655	1
4,4'-DDT	ND		ug/kg	3.44	1.48	1
Endosulfan I	ND		ug/kg	1.84	0.434	1
Endosulfan II	ND		ug/kg	1.84	0.614	1
Endosulfan sulfate	ND		ug/kg	0.765	0.350	1
Methoxychlor	ND		ug/kg	3.44	1.07	1
Toxaphene	ND		ug/kg	34.4	9.64	1
cis-Chlordane	ND		ug/kg	2.30	0.640	1
trans-Chlordane	ND		ug/kg	2.30	0.606	1
Chlordane	ND		ug/kg	14.9	6.08	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-03	Date Collected:	08/20/13 10:55
Client ID:	SB-2 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 17:51	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.63	0.320	1
Lindane	ND		ug/kg	0.680	0.304	1
Alpha-BHC	ND		ug/kg	0.680	0.193	1
Beta-BHC	ND		ug/kg	1.63	0.619	1
Heptachlor	ND		ug/kg	0.816	0.366	1
Aldrin	ND		ug/kg	1.63	0.575	1
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1
Endrin	ND		ug/kg	0.680	0.279	1
Endrin ketone	ND		ug/kg	1.63	0.420	1
Dieldrin	ND		ug/kg	1.02	0.510	1
4,4'-DDE	ND		ug/kg	1.63	0.378	1
4,4'-DDD	ND		ug/kg	1.63	0.582	1
4,4'-DDT	ND		ug/kg	3.06	1.31	1
Endosulfan I	ND		ug/kg	1.63	0.386	1
Endosulfan II	ND		ug/kg	1.63	0.546	1
Endosulfan sulfate	ND		ug/kg	0.680	0.311	1
Methoxychlor	ND		ug/kg	3.06	0.952	1
Toxaphene	ND		ug/kg	30.6	8.57	1
cis-Chlordane	ND		ug/kg	2.04	0.569	1
trans-Chlordane	ND		ug/kg	2.04	0.539	1
Chlordane	ND		ug/kg	13.3	5.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-04	Date Collected:	08/20/13 11:00
Client ID:	SB-2 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 18:04	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	2.12	0.416	1
Lindane	ND		ug/kg	0.885	0.396	1
Alpha-BHC	ND		ug/kg	0.885	0.251	1
Beta-BHC	ND		ug/kg	2.12	0.805	1
Heptachlor	ND		ug/kg	1.06	0.476	1
Aldrin	ND		ug/kg	2.12	0.748	1
Heptachlor epoxide	ND		ug/kg	3.98	1.19	1
Endrin	ND		ug/kg	0.885	0.363	1
Endrin ketone	ND		ug/kg	2.12	0.547	1
Dieldrin	ND		ug/kg	1.33	0.664	1
4,4'-DDE	ND		ug/kg	2.12	0.491	1
4,4'-DDD	ND		ug/kg	2.12	0.757	1
4,4'-DDT	ND		ug/kg	3.98	1.71	1
Endosulfan I	ND		ug/kg	2.12	0.502	1
Endosulfan II	ND		ug/kg	2.12	0.710	1
Endosulfan sulfate	ND		ug/kg	0.885	0.404	1
Methoxychlor	ND		ug/kg	3.98	1.24	1
Toxaphene	ND		ug/kg	39.8	11.1	1
cis-Chlordane	ND		ug/kg	2.65	0.740	1
trans-Chlordane	ND		ug/kg	2.65	0.701	1
Chlordane	ND		ug/kg	17.2	7.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-05 D	Date Collected:	08/20/13 12:00
Client ID:	SB-3 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/27/13 08:46	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	34.4	6.74	20
Lindane	ND		ug/kg	14.3	6.41	20
Alpha-BHC	ND		ug/kg	14.3	4.07	20
Beta-BHC	ND		ug/kg	34.4	13.0	20
Heptachlor	ND		ug/kg	17.2	7.72	20
Aldrin	ND		ug/kg	34.4	12.1	20
Heptachlor epoxide	ND		ug/kg	64.6	19.4	20
Endrin	ND		ug/kg	14.3	5.88	20
Endrin ketone	ND		ug/kg	34.4	8.87	20
Dieldrin	ND		ug/kg	21.5	10.8	20
4,4'-DDE	ND		ug/kg	34.4	7.96	20
4,4'-DDD	ND		ug/kg	34.4	12.3	20
4,4'-DDT	84.5	P	ug/kg	64.6	27.7	20
Endosulfan I	ND		ug/kg	34.4	8.13	20
Endosulfan II	ND		ug/kg	34.4	11.5	20
Endosulfan sulfate	ND		ug/kg	14.3	6.56	20
Methoxychlor	ND		ug/kg	64.6	20.1	20
Toxaphene	ND		ug/kg	646	181.	20
cis-Chlordane	ND		ug/kg	43.0	12.0	20
trans-Chlordane	ND		ug/kg	43.0	11.4	20
Chlordane	ND		ug/kg	280	114.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-06	Date Collected:	08/20/13 12:05
Client ID:	SB-3 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 18:30	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.83	0.358	1
Lindane	ND		ug/kg	0.763	0.341	1
Alpha-BHC	ND		ug/kg	0.763	0.217	1
Beta-BHC	ND		ug/kg	1.83	0.694	1
Heptachlor	ND		ug/kg	0.915	0.410	1
Aldrin	ND		ug/kg	1.83	0.644	1
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1
Endrin	ND		ug/kg	0.763	0.313	1
Endrin ketone	ND		ug/kg	1.83	0.471	1
Dieldrin	ND		ug/kg	1.14	0.572	1
4,4'-DDE	ND		ug/kg	1.83	0.423	1
4,4'-DDD	ND		ug/kg	1.83	0.653	1
4,4'-DDT	ND		ug/kg	3.43	1.47	1
Endosulfan I	ND		ug/kg	1.83	0.432	1
Endosulfan II	ND		ug/kg	1.83	0.612	1
Endosulfan sulfate	ND		ug/kg	0.763	0.348	1
Methoxychlor	ND		ug/kg	3.43	1.07	1
Toxaphene	ND		ug/kg	34.3	9.61	1
cis-Chlordane	ND		ug/kg	2.29	0.638	1
trans-Chlordane	ND		ug/kg	2.29	0.604	1
Chlordane	ND		ug/kg	14.9	6.06	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-07 D	Date Collected:	08/20/13 13:30
Client ID:	SB-4 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/27/13 08:59	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	45.1	8.83	20
Lindane	ND		ug/kg	18.8	8.40	20
Alpha-BHC	ND		ug/kg	18.8	5.33	20
Beta-BHC	ND		ug/kg	45.1	17.1	20
Heptachlor	ND		ug/kg	22.5	10.1	20
Aldrin	ND		ug/kg	45.1	15.9	20
Heptachlor epoxide	ND		ug/kg	84.5	25.4	20
Endrin	ND		ug/kg	18.8	7.70	20
Endrin ketone	ND		ug/kg	45.1	11.6	20
Dieldrin	ND		ug/kg	28.2	14.1	20
4,4'-DDD	ND		ug/kg	45.1	16.1	20
4,4'-DDT	64.6	J	ug/kg	84.5	36.2	20
Endosulfan I	ND		ug/kg	45.1	10.6	20
Endosulfan II	ND		ug/kg	45.1	15.1	20
Endosulfan sulfate	ND		ug/kg	18.8	8.58	20
Methoxychlor	ND		ug/kg	84.5	26.3	20
Toxaphene	ND		ug/kg	845	237.	20
cis-Chlordane	ND		ug/kg	56.3	15.7	20
trans-Chlordane	ND		ug/kg	56.3	14.9	20
Chlordane	ND		ug/kg	366	149.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-07 D	Date Collected:	08/20/13 13:30
Client ID:	SB-4 (7-9)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/27/13 08:59	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
4,4'-DDE	11.3	J	ug/kg	45.1	10.4	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-08	Date Collected:	08/20/13 13:35
Client ID:	SB-4 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 18:55	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.80	0.352	1
Lindane	ND		ug/kg	0.750	0.335	1
Alpha-BHC	ND		ug/kg	0.750	0.213	1
Beta-BHC	ND		ug/kg	1.80	0.682	1
Heptachlor	ND		ug/kg	0.899	0.403	1
Aldrin	ND		ug/kg	1.80	0.633	1
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1
Endrin	ND		ug/kg	0.750	0.307	1
Endrin ketone	ND		ug/kg	1.80	0.463	1
Dieldrin	ND		ug/kg	1.12	0.562	1
4,4'-DDE	ND		ug/kg	1.80	0.416	1
4,4'-DDD	ND		ug/kg	1.80	0.642	1
4,4'-DDT	ND		ug/kg	3.37	1.45	1
Endosulfan I	ND		ug/kg	1.80	0.425	1
Endosulfan II	ND		ug/kg	1.80	0.601	1
Endosulfan sulfate	ND		ug/kg	0.750	0.342	1
Methoxychlor	ND		ug/kg	3.37	1.05	1
Toxaphene	ND		ug/kg	33.7	9.44	1
cis-Chlordane	ND		ug/kg	2.25	0.627	1
trans-Chlordane	ND		ug/kg	2.25	0.594	1
Chlordane	ND		ug/kg	14.6	5.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	116		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-09	Date Collected:	08/20/13 09:50
Client ID:	TW-1	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	08/21/13 11:33
Analytical Date:	08/24/13 20:15	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/24/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-10	Date Collected:	08/20/13 11:20
Client ID:	TW-2	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	08/21/13 11:33
Analytical Date:	08/24/13 20:27	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/24/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-11	Date Collected:	08/20/13 13:00
Client ID:	TW-3	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	08/21/13 11:33
Analytical Date:	08/24/13 20:40	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/24/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-12	Date Collected:	08/20/13 14:00
Client ID:	TW-4	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	08/21/13 11:33
Analytical Date:	08/24/13 20:53	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/24/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-13 D	Date Collected:	08/20/13 10:00
Client ID:	SB-5 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 19:08	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	63%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	25.1	4.91	10
Lindane	ND		ug/kg	10.4	4.67	10
Alpha-BHC	ND		ug/kg	10.4	2.97	10
Beta-BHC	ND		ug/kg	25.1	9.51	10
Heptachlor	ND		ug/kg	12.5	5.62	10
Aldrin	ND		ug/kg	25.1	8.83	10
Heptachlor epoxide	ND		ug/kg	47.0	14.1	10
Endrin	ND		ug/kg	10.4	4.28	10
Endrin ketone	ND		ug/kg	25.1	6.46	10
Dieldrin	ND		ug/kg	15.7	7.84	10
4,4'-DDE	ND		ug/kg	25.1	5.80	10
4,4'-DDD	ND		ug/kg	25.1	8.94	10
Endosulfan I	ND		ug/kg	25.1	5.92	10
Endosulfan II	ND		ug/kg	25.1	8.38	10
Endosulfan sulfate	ND		ug/kg	10.4	4.78	10
Methoxychlor	ND		ug/kg	47.0	14.6	10
Toxaphene	ND		ug/kg	470	132.	10
cis-Chlordane	ND		ug/kg	31.3	8.74	10
trans-Chlordane	ND		ug/kg	31.3	8.28	10
Chlordane	ND		ug/kg	204	83.1	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	**160**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-13 D	Date Collected:	08/20/13 10:00
Client ID:	SB-5 (0-2)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 19:08	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	63%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
4,4'-DDT	53.7		ug/kg	47.0	20.2	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	**160**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-14 D	Date Collected:	08/20/13 10:30
Client ID:	SB-5 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/27/13 09:11	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	35.3	6.91	20
Lindane	ND		ug/kg	14.7	6.57	20
Alpha-BHC	ND		ug/kg	14.7	4.18	20
Beta-BHC	ND		ug/kg	35.3	13.4	20
Heptachlor	ND		ug/kg	17.6	7.91	20
Aldrin	ND		ug/kg	35.3	12.4	20
Heptachlor epoxide	ND		ug/kg	66.2	19.8	20
Endrin	ND		ug/kg	14.7	6.03	20
Endrin ketone	ND		ug/kg	35.3	9.09	20
Dieldrin	ND		ug/kg	22.1	11.0	20
4,4'-DDD	ND		ug/kg	35.3	12.6	20
Endosulfan I	ND		ug/kg	35.3	8.34	20
Endosulfan II	ND		ug/kg	35.3	11.8	20
Endosulfan sulfate	ND		ug/kg	14.7	6.72	20
Methoxychlor	ND		ug/kg	66.2	20.6	20
Toxaphene	ND		ug/kg	662	185.	20
cis-Chlordane	ND		ug/kg	44.1	12.3	20
trans-Chlordane	ND		ug/kg	44.1	11.6	20
Chlordane	ND		ug/kg	287	117.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID:	L1316206-14 D	Date Collected:	08/20/13 10:30
Client ID:	SB-5 (18-20)	Date Received:	08/20/13
Sample Location:	475 BAY STREET, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/27/13 09:11	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
4,4'-DDE	8.82	J	ug/kg	35.3	8.16	20
4,4'-DDT	45.9	J	ug/kg	66.2	28.4	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/24/13 19:36
Analyst: SH

Extraction Method: EPA 3510C
Extraction Date: 08/21/13 11:33
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/24/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-12 Batch: WG630520-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
cis-Chlordane	ND		ug/l	0.020	0.007
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/23/13 17:13
Analyst: SH

Extraction Method: EPA 3546
Extraction Date: 08/22/13 16:33
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/23/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630920-1					
Delta-BHC	ND		ug/kg	1.58	0.309
Lindane	ND		ug/kg	0.656	0.293
Alpha-BHC	ND		ug/kg	0.656	0.186
Beta-BHC	ND		ug/kg	1.58	0.598
Heptachlor	ND		ug/kg	0.788	0.353
Aldrin	ND		ug/kg	1.58	0.555
Heptachlor epoxide	ND		ug/kg	2.95	0.886
Endrin	ND		ug/kg	0.656	0.269
Endrin ketone	ND		ug/kg	1.58	0.406
Dieldrin	ND		ug/kg	0.985	0.492
4,4'-DDE	ND		ug/kg	1.58	0.364
4,4'-DDD	ND		ug/kg	1.58	0.562
4,4'-DDT	ND		ug/kg	2.95	1.27
Endosulfan I	ND		ug/kg	1.58	0.372
Endosulfan II	ND		ug/kg	1.58	0.526
Endosulfan sulfate	ND		ug/kg	0.656	0.300
Methoxychlor	ND		ug/kg	2.95	0.919
Toxaphene	ND		ug/kg	29.5	8.27
cis-Chlordane	ND		ug/kg	1.97	0.549
trans-Chlordane	ND		ug/kg	1.97	0.520
Chlordane	ND		ug/kg	12.8	5.22

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-12 Batch: WG630520-2 WG630520-3								
Delta-BHC	81		92		30-150	12		20
Lindane	80		90		30-150	12		20
Alpha-BHC	79		91		30-150	14		20
Beta-BHC	80		94		30-150	16		20
Heptachlor	76		91		30-150	18		20
Aldrin	69		84		30-150	19		20
Heptachlor epoxide	101		112		30-150	10		20
Endrin	99		105		30-150	5		20
Endrin ketone	84		92		30-150	10		20
Dieldrin	89		97		30-150	9		20
4,4'-DDE	80		91		30-150	14		20
4,4'-DDD	82		92		30-150	12		20
4,4'-DDT	96		101		30-150	5		20
Endosulfan I	85		94		30-150	10		20
Endosulfan II	85		90		30-150	6		20
Endosulfan sulfate	84		92		30-150	10		20
Methoxychlor	97		103		30-150	6		20
cis-Chlordane	84		93		30-150	10		20
trans-Chlordane	83		92		30-150	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-12 Batch: WG630520-2 WG630520-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		79		30-150	A
Decachlorobiphenyl	88		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		59		30-150	B
Decachlorobiphenyl	80		73		30-150	B

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630920-2 WG630920-3								
Delta-BHC	71		84		30-150	17		30
Lindane	76		90		30-150	17		30
Alpha-BHC	79		94		30-150	17		30
Beta-BHC	76		89		30-150	16		30
Heptachlor	96		117		30-150	20		30
Aldrin	88		104		30-150	17		30
Heptachlor epoxide	99		120		30-150	19		30
Endrin	99		120		30-150	19		30
Endrin ketone	78		94		30-150	19		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630920-2 WG630920-3								
Dieldrin	90		109		30-150	19		30
4,4'-DDE	84		102		30-150	19		30
4,4'-DDD	92		111		30-150	19		30
4,4'-DDT	85		104		30-150	20		30
Endosulfan I	89		107		30-150	18		30
Endosulfan II	91		108		30-150	17		30
Endosulfan sulfate	74		88		30-150	17		30
Methoxychlor	88		109		30-150	21		30
cis-Chlordane	87		104		30-150	18		30
trans-Chlordane	86		102		30-150	17		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		79		30-150	A
Decachlorobiphenyl	124		139		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		68		30-150	B
Decachlorobiphenyl	104		117		30-150	B

METALS

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01
Client ID: SB-1 (7-9)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 08/20/13 09:15
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5900		mg/kg	8.8	1.8	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.70	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Arsenic, Total	5.5		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Barium, Total	52		mg/kg	0.88	0.26	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Beryllium, Total	0.31	J	mg/kg	0.44	0.09	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Cadmium, Total	0.47	J	mg/kg	0.88	0.06	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Calcium, Total	3800		mg/kg	8.8	2.6	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Chromium, Total	29		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Cobalt, Total	18		mg/kg	1.8	0.44	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Copper, Total	27		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Iron, Total	19000		mg/kg	4.4	1.8	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Lead, Total	38		mg/kg	4.4	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Magnesium, Total	15000		mg/kg	8.8	0.88	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Manganese, Total	230		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 12:07	EPA 7471B	1,7471B	MC
Nickel, Total	260		mg/kg	2.2	0.35	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	220	35.	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.26	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Sodium, Total	460		mg/kg	180	26.	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.35	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Vanadium, Total	22		mg/kg	0.88	0.09	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG
Zinc, Total	42		mg/kg	4.4	0.61	2	08/22/13 12:28	08/26/13 13:20	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02
Client ID: SB-1 (15-17)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 83%

Date Collected: 08/20/13 09:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2400		mg/kg	9.3	1.8	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.6	0.74	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Arsenic, Total	2.6		mg/kg	0.93	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Barium, Total	22		mg/kg	0.93	0.28	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Beryllium, Total	0.13	J	mg/kg	0.46	0.09	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Cadmium, Total	0.80	J	mg/kg	0.93	0.07	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Calcium, Total	1600		mg/kg	9.3	2.8	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Chromium, Total	46		mg/kg	0.93	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Cobalt, Total	58		mg/kg	1.8	0.46	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Copper, Total	13		mg/kg	0.93	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Iron, Total	32000		mg/kg	4.6	1.8	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Lead, Total	8.8		mg/kg	4.6	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Magnesium, Total	76000		mg/kg	9.3	0.93	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Manganese, Total	580		mg/kg	0.93	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 12:09	EPA 7471B	1,7471B	MC
Nickel, Total	1200		mg/kg	2.3	0.37	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Potassium, Total	590		mg/kg	230	37.	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.28	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.93	0.18	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Sodium, Total	90	J	mg/kg	180	28.	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.37	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Vanadium, Total	11		mg/kg	0.93	0.09	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG
Zinc, Total	25		mg/kg	4.6	0.65	2	08/22/13 12:28	08/26/13 13:34	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03
Client ID: SB-2 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 08/20/13 10:55
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3000		mg/kg	8.1	1.6	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.0	0.64	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Arsenic, Total	2.5		mg/kg	0.81	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Barium, Total	33		mg/kg	0.81	0.24	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Beryllium, Total	0.15	J	mg/kg	0.40	0.08	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Cadmium, Total	0.31	J	mg/kg	0.81	0.06	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Calcium, Total	3200		mg/kg	8.1	2.4	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Chromium, Total	14		mg/kg	0.81	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Cobalt, Total	6.0		mg/kg	1.6	0.40	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Copper, Total	20		mg/kg	0.81	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Iron, Total	10000		mg/kg	4.0	1.6	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Lead, Total	38		mg/kg	4.0	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Magnesium, Total	2700		mg/kg	8.1	0.81	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Manganese, Total	140		mg/kg	0.81	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 12:10	EPA 7471B	1,7471B	MC
Nickel, Total	56		mg/kg	2.0	0.32	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Potassium, Total	430		mg/kg	200	32.	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.6	0.24	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.81	0.16	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Sodium, Total	97	J	mg/kg	160	24.	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.6	0.32	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Vanadium, Total	19		mg/kg	0.81	0.08	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG
Zinc, Total	44		mg/kg	4.0	0.56	2	08/22/13 12:28	08/26/13 13:38	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04
Client ID: SB-2 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 75%

Date Collected: 08/20/13 11:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6000		mg/kg	10	2.0	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	5.1	0.82	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Arsenic, Total	7.4		mg/kg	1.0	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Barium, Total	48		mg/kg	1.0	0.31	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Beryllium, Total	0.37	J	mg/kg	0.51	0.10	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Cadmium, Total	1.3		mg/kg	1.0	0.07	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Calcium, Total	3500		mg/kg	10	3.1	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Chromium, Total	98		mg/kg	1.0	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Cobalt, Total	86		mg/kg	2.0	0.51	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Copper, Total	27		mg/kg	1.0	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Iron, Total	49000		mg/kg	5.1	2.0	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Lead, Total	12		mg/kg	5.1	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Magnesium, Total	46000		mg/kg	10	1.0	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Manganese, Total	890		mg/kg	1.0	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 12:19	EPA 7471B	1,7471B	MC
Nickel, Total	1500		mg/kg	2.6	0.41	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	260	41.	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	2.0	0.31	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	1.0	0.20	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Sodium, Total	140	J	mg/kg	200	31.	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.0	0.41	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Vanadium, Total	25		mg/kg	1.0	0.10	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG
Zinc, Total	98		mg/kg	5.1	0.72	2	08/22/13 12:28	08/26/13 13:41	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05
Client ID: SB-3 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 91%

Date Collected: 08/20/13 12:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3900		mg/kg	8.5	1.7	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.2	0.68	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Arsenic, Total	8.6		mg/kg	0.85	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Barium, Total	54		mg/kg	0.85	0.25	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Beryllium, Total	0.19	J	mg/kg	0.42	0.09	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Cadmium, Total	0.41	J	mg/kg	0.85	0.06	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Calcium, Total	6700		mg/kg	8.5	2.5	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.85	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Cobalt, Total	8.8		mg/kg	1.7	0.42	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Copper, Total	30		mg/kg	0.85	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Iron, Total	16000		mg/kg	4.2	1.7	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Lead, Total	86		mg/kg	4.2	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Magnesium, Total	2400		mg/kg	8.5	0.85	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Manganese, Total	130		mg/kg	0.85	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Mercury, Total	0.28		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 12:26	EPA 7471B	1,7471B	MC
Nickel, Total	50		mg/kg	2.1	0.34	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Potassium, Total	520		mg/kg	210	34.	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Selenium, Total	0.48	J	mg/kg	1.7	0.25	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.85	0.17	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Sodium, Total	280		mg/kg	170	25.	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.34	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Vanadium, Total	21		mg/kg	0.85	0.09	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG
Zinc, Total	130		mg/kg	4.2	0.59	2	08/22/13 12:28	08/26/13 14:13	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06
Client ID: SB-3 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 08/20/13 12:05
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4500		mg/kg	8.8	1.8	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.70	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Arsenic, Total	2.1		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Barium, Total	30		mg/kg	0.88	0.26	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Beryllium, Total	0.27	J	mg/kg	0.44	0.09	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Cadmium, Total	0.34	J	mg/kg	0.88	0.06	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Calcium, Total	2500		mg/kg	8.8	2.6	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Chromium, Total	25		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Cobalt, Total	14		mg/kg	1.8	0.44	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Copper, Total	27		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Iron, Total	15000		mg/kg	4.4	1.8	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Lead, Total	7.5		mg/kg	4.4	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Magnesium, Total	4500		mg/kg	8.8	0.88	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Manganese, Total	270		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 12:28	EPA 7471B	1,7471B	MC
Nickel, Total	190		mg/kg	2.2	0.35	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Potassium, Total	610		mg/kg	220	35.	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.26	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Sodium, Total	95	J	mg/kg	180	26.	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.35	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Vanadium, Total	18		mg/kg	0.88	0.09	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG
Zinc, Total	53		mg/kg	4.4	0.62	2	08/22/13 12:28	08/26/13 14:16	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07
Client ID: SB-4 (7-9)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 70%

Date Collected: 08/20/13 13:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	11	2.2	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	5.4	0.87	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Arsenic, Total	5.6		mg/kg	1.1	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Barium, Total	120		mg/kg	1.1	0.33	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Beryllium, Total	0.55		mg/kg	0.54	0.11	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Cadmium, Total	0.61	J	mg/kg	1.1	0.08	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Calcium, Total	3400		mg/kg	11	3.3	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Chromium, Total	55		mg/kg	1.1	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Cobalt, Total	30		mg/kg	2.2	0.54	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Copper, Total	48		mg/kg	1.1	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Iron, Total	24000		mg/kg	5.4	2.2	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Lead, Total	160		mg/kg	5.4	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Magnesium, Total	15000		mg/kg	11	1.1	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Manganese, Total	290		mg/kg	1.1	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Mercury, Total	0.19		mg/kg	0.10	0.02	1	08/23/13 08:26	08/23/13 12:30	EPA 7471B	1,7471B	MC
Nickel, Total	430		mg/kg	2.7	0.43	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Potassium, Total	1200		mg/kg	270	43.	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	2.2	0.33	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	1.1	0.22	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Sodium, Total	120	J	mg/kg	220	33.	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.2	0.43	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Vanadium, Total	29		mg/kg	1.1	0.11	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG
Zinc, Total	100		mg/kg	5.4	0.76	2	08/22/13 12:28	08/26/13 14:20	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08
Client ID: SB-4 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 08/20/13 13:35
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2500		mg/kg	8.6	1.7	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.3	0.69	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Arsenic, Total	0.99		mg/kg	0.86	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Barium, Total	26		mg/kg	0.86	0.26	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Beryllium, Total	0.16	J	mg/kg	0.43	0.09	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Cadmium, Total	0.22	J	mg/kg	0.86	0.06	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Calcium, Total	3000		mg/kg	8.6	2.6	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Chromium, Total	11		mg/kg	0.86	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Cobalt, Total	5.0		mg/kg	1.7	0.43	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Copper, Total	14		mg/kg	0.86	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Iron, Total	8800		mg/kg	4.3	1.7	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Lead, Total	4.8		mg/kg	4.3	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Magnesium, Total	2700		mg/kg	8.6	0.86	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Manganese, Total	840		mg/kg	0.86	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 12:32	EPA 7471B	1,7471B	MC
Nickel, Total	48		mg/kg	2.2	0.35	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Potassium, Total	490		mg/kg	220	35.	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.7	0.26	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.86	0.17	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Sodium, Total	60	J	mg/kg	170	26.	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.35	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Vanadium, Total	14		mg/kg	0.86	0.09	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG
Zinc, Total	58		mg/kg	4.3	0.60	2	08/22/13 12:28	08/26/13 14:23	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09
Client ID: TW-1
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Date Collected: 08/20/13 09:50
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13.8		mg/l	0.400	0.0800	40	08/21/13 14:16	08/26/13 21:24	EPA 3005A	1,6020A	BM
Antimony, Total	0.00241	J	mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Arsenic, Total	0.01701		mg/l	0.00250	0.00100	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Barium, Total	0.7300		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Beryllium, Total	0.00311		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Cadmium, Total	0.00102		mg/l	0.00100	0.00025	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Calcium, Total	212.		mg/l	2.00	0.640	20	08/21/13 14:16	08/26/13 18:52	EPA 3005A	1,6020A	BM
Chromium, Total	0.1580		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Cobalt, Total	0.1138		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Copper, Total	0.1256		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Iron, Total	67.7		mg/l	0.250	0.0650	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Lead, Total	0.8945		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Magnesium, Total	94.6		mg/l	0.350	0.115	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Manganese, Total	5.924		mg/l	0.01000	0.00200	20	08/21/13 14:16	08/26/13 18:52	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/24/13 06:48	08/24/13 10:06	EPA 7470A	1,7470A	DR
Nickel, Total	1.186		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Potassium, Total	16.4		mg/l	0.500	0.135	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Selenium, Total	0.00522	J	mg/l	0.0250	0.00150	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.00200	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Sodium, Total	119.		mg/l	0.500	0.0750	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Thallium, Total	0.00027	J	mg/l	0.00250	0.00015	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Vanadium, Total	0.09825		mg/l	0.02500	0.00050	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Zinc, Total	0.3036		mg/l	0.05000	0.00600	5	08/21/13 14:16	08/26/13 20:34	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.0154		mg/l	0.0100	0.00200	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Antimony, Dissolved	0.00068	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Arsenic, Dissolved	0.00466		mg/l	0.00050	0.00020	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Barium, Dissolved	0.2612		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-09
Client ID: TW-1
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water

Date Collected: 08/20/13 09:50
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	184.		mg/l	1.00	0.320	10	08/21/13 01:40	08/27/13 00:25	NA	1,6020A	BM
Chromium, Dissolved	0.00313		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Cobalt, Dissolved	0.00923		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Copper, Dissolved	0.00083	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Iron, Dissolved	5.83		mg/l	0.0500	0.0130	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Lead, Dissolved	0.00046	J	mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Magnesium, Dissolved	70.6		mg/l	0.700	0.230	10	08/21/13 01:40	08/27/13 00:25	NA	1,6020A	BM
Manganese, Dissolved	3.214		mg/l	0.00500	0.00100	10	08/21/13 01:40	08/27/13 00:25	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00033	0.00011	1	08/23/13 08:00	08/23/13 12:56	EPA 7470A	1,7470A	DR
Nickel, Dissolved	0.04667		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Potassium, Dissolved	13.8		mg/l	0.100	0.0270	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Selenium, Dissolved	0.00239	J	mg/l	0.00500	0.00030	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Silver, Dissolved	0.00010	J	mg/l	0.00040	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Sodium, Dissolved	126.		mg/l	1.00	0.150	10	08/21/13 01:40	08/27/13 00:25	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Vanadium, Dissolved	0.00113	J	mg/l	0.00500	0.00010	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM
Zinc, Dissolved	0.01569		mg/l	0.01000	0.00120	1	08/21/13 01:40	08/27/13 01:27	NA	1,6020A	BM

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10
Client ID: TW-2
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Date Collected: 08/20/13 11:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	27.1		mg/l	2.00	0.400	200	08/21/13 14:16	08/26/13 21:49	EPA 3005A	1,6020A	BM
Antimony, Total	ND		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Arsenic, Total	0.01472		mg/l	0.00250	0.00100	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Barium, Total	0.4118		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Beryllium, Total	0.00266		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Cadmium, Total	0.00055	J	mg/l	0.00100	0.00025	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Calcium, Total	127.		mg/l	0.500	0.160	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Chromium, Total	0.1606		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Cobalt, Total	0.09900		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Copper, Total	0.09750		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Iron, Total	78.1		mg/l	0.250	0.0650	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Lead, Total	0.1849		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Magnesium, Total	51.1		mg/l	0.350	0.115	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Manganese, Total	4.746		mg/l	0.01000	0.00200	20	08/21/13 14:16	08/26/13 19:16	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/24/13 06:48	08/24/13 10:07	EPA 7470A	1,7470A	DR
Nickel, Total	1.157		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Potassium, Total	12.6		mg/l	0.500	0.135	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Selenium, Total	0.00328	J	mg/l	0.0250	0.00150	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.00200	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Sodium, Total	25.7		mg/l	0.500	0.0750	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Thallium, Total	0.00046	J	mg/l	0.00250	0.00015	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Vanadium, Total	0.08260		mg/l	0.02500	0.00050	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Zinc, Total	0.1496		mg/l	0.05000	0.00600	5	08/21/13 14:16	08/26/13 21:05	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.0443		mg/l	0.0100	0.00200	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Antimony, Dissolved	0.00034	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Arsenic, Dissolved	0.00560		mg/l	0.00050	0.00020	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Barium, Dissolved	0.1405		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-10
Client ID: TW-2
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water

Date Collected: 08/20/13 11:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	110.		mg/l	1.00	0.320	10	08/21/13 01:40	08/27/13 01:08	NA	1,6020A	BM
Chromium, Dissolved	0.00209		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Cobalt, Dissolved	0.00403		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Copper, Dissolved	0.00069	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Iron, Dissolved	2.66		mg/l	0.0500	0.0130	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Lead, Dissolved	0.00063	J	mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Magnesium, Dissolved	24.3		mg/l	0.0700	0.0230	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Manganese, Dissolved	2.639		mg/l	0.00500	0.00100	10	08/21/13 01:40	08/27/13 01:08	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	08/23/13 08:00	08/23/13 13:01	EPA 7470A	1,7470A	DR
Nickel, Dissolved	0.02510		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Potassium, Dissolved	9.34		mg/l	0.100	0.0270	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Selenium, Dissolved	0.00079	J	mg/l	0.00500	0.00030	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.00040	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Sodium, Dissolved	25.7		mg/l	0.100	0.0150	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Vanadium, Dissolved	0.00070	J	mg/l	0.00500	0.00010	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM
Zinc, Dissolved	0.00377	J	mg/l	0.01000	0.00120	1	08/21/13 01:40	08/27/13 01:39	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-11
Client ID: TW-3
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Date Collected: 08/20/13 13:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	40.2		mg/l	2.00	0.400	200	08/21/13 14:16	08/26/13 21:55	EPA 3005A	1,6020A	BM
Antimony, Total	ND		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Arsenic, Total	0.01703		mg/l	0.00250	0.00100	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Barium, Total	1.462		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Beryllium, Total	0.00705		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Cadmium, Total	0.00107		mg/l	0.00100	0.00025	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Calcium, Total	131.		mg/l	0.500	0.160	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Chromium, Total	0.1294		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Cobalt, Total	0.1197		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Copper, Total	0.2235		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Iron, Total	139.		mg/l	0.250	0.0650	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Lead, Total	0.1161		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Magnesium, Total	117.		mg/l	0.350	0.115	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Manganese, Total	12.48		mg/l	0.1000	0.02000	200	08/21/13 14:16	08/26/13 21:55	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/24/13 06:48	08/24/13 10:09	EPA 7470A	1,7470A	DR
Nickel, Total	1.174		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Potassium, Total	17.2		mg/l	0.500	0.135	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Selenium, Total	0.00607	J	mg/l	0.0250	0.00150	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.00200	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Sodium, Total	40.3		mg/l	0.500	0.0750	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Thallium, Total	0.00043	J	mg/l	0.00250	0.00015	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Vanadium, Total	0.1632		mg/l	0.02500	0.00050	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Zinc, Total	0.3040		mg/l	0.05000	0.00600	5	08/21/13 14:16	08/26/13 21:11	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00952	J	mg/l	0.0100	0.00200	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Antimony, Dissolved	0.00033	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Arsenic, Dissolved	0.00822		mg/l	0.00050	0.00020	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Barium, Dissolved	0.2153		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-11
Client ID: TW-3
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Date Collected: 08/20/13 13:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	105.		mg/l	2.00	0.640	20	08/21/13 01:40	08/27/13 01:14	NA	1,6020A	BM
Chromium, Dissolved	0.00376		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Cobalt, Dissolved	0.00179		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Copper, Dissolved	0.00080	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Iron, Dissolved	13.0		mg/l	0.0500	0.0130	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Magnesium, Dissolved	93.5		mg/l	1.40	0.460	20	08/21/13 01:40	08/27/13 01:14	NA	1,6020A	BM
Manganese, Dissolved	4.400		mg/l	0.01000	0.00200	20	08/21/13 01:40	08/27/13 01:14	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	08/23/13 08:00	08/23/13 13:03	EPA 7470A	1,7470A	DR
Nickel, Dissolved	0.00815		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Potassium, Dissolved	10.3		mg/l	0.100	0.0270	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Selenium, Dissolved	0.00100	J	mg/l	0.00500	0.00030	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.00040	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Sodium, Dissolved	41.2		mg/l	2.00	0.300	20	08/21/13 01:40	08/27/13 01:14	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Vanadium, Dissolved	0.00122	J	mg/l	0.00500	0.00010	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM
Zinc, Dissolved	0.00462	J	mg/l	0.01000	0.00120	1	08/21/13 01:40	08/27/13 01:46	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-12
Client ID: TW-4
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water
Date Collected: 08/20/13 14:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	59.7		mg/l	2.00	0.400	200	08/21/13 14:16	08/26/13 22:01	EPA 3005A	1,6020A	BM
Antimony, Total	ND		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Arsenic, Total	0.02197		mg/l	0.00250	0.00100	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Barium, Total	1.994		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Beryllium, Total	0.00804		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Cadmium, Total	0.00212		mg/l	0.00100	0.00025	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Calcium, Total	194.		mg/l	0.500	0.160	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Chromium, Total	0.2020		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Cobalt, Total	0.2148		mg/l	0.00250	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Copper, Total	0.4695		mg/l	0.00500	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Iron, Total	235.		mg/l	1.00	0.260	20	08/21/13 14:16	08/26/13 19:29	EPA 3005A	1,6020A	BM
Lead, Total	0.3228		mg/l	0.00500	0.00100	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Magnesium, Total	166.		mg/l	0.350	0.115	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Manganese, Total	18.89		mg/l	0.1000	0.02000	200	08/21/13 14:16	08/26/13 22:01	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/24/13 06:48	08/24/13 10:11	EPA 7470A	1,7470A	DR
Nickel, Total	3.342		mg/l	0.01000	0.00200	20	08/21/13 14:16	08/26/13 19:29	EPA 3005A	1,6020A	BM
Potassium, Total	24.0		mg/l	0.500	0.135	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Selenium, Total	0.0101	J	mg/l	0.0250	0.00150	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Silver, Total	0.00056	J	mg/l	0.00200	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Sodium, Total	73.4		mg/l	0.500	0.0750	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Thallium, Total	0.00085	J	mg/l	0.00250	0.00015	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Vanadium, Total	0.1792		mg/l	0.02500	0.00050	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Zinc, Total	0.6670		mg/l	0.05000	0.00600	5	08/21/13 14:16	08/26/13 21:18	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.0251		mg/l	0.0100	0.00200	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Antimony, Dissolved	0.00097	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Arsenic, Dissolved	0.00571		mg/l	0.00050	0.00020	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Barium, Dissolved	0.3937		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-12
Client ID: TW-4
Sample Location: 475 BAY STREET, SI, NY
Matrix: Water

Date Collected: 08/20/13 14:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	152.		mg/l	1.00	0.320	10	08/21/13 01:40	08/27/13 01:21	NA	1,6020A	BM
Chromium, Dissolved	0.00351		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Cobalt, Dissolved	0.00121		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Copper, Dissolved	0.00098	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Iron, Dissolved	19.7		mg/l	0.0500	0.0130	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Lead, Dissolved	0.00075	J	mg/l	0.00100	0.00020	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Magnesium, Dissolved	90.8		mg/l	0.700	0.230	10	08/21/13 01:40	08/27/13 01:21	NA	1,6020A	BM
Manganese, Dissolved	3.077		mg/l	0.00500	0.00100	10	08/21/13 01:40	08/27/13 01:21	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	08/23/13 08:00	08/23/13 13:09	EPA 7470A	1,7470A	DR
Nickel, Dissolved	0.01045		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Potassium, Dissolved	13.4		mg/l	0.100	0.0270	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Selenium, Dissolved	0.00205	J	mg/l	0.00500	0.00030	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.00040	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Sodium, Dissolved	76.6		mg/l	1.00	0.150	10	08/21/13 01:40	08/27/13 01:21	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Vanadium, Dissolved	0.00106	J	mg/l	0.00500	0.00010	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM
Zinc, Dissolved	0.00775	J	mg/l	0.01000	0.00120	1	08/21/13 01:40	08/27/13 02:17	NA	1,6020A	BM

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13
Client ID: SB-5 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 63%

Date Collected: 08/20/13 10:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7500		mg/kg	13	2.5	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Antimony, Total	4.6	J	mg/kg	6.3	1.0	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Arsenic, Total	15		mg/kg	1.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Barium, Total	950		mg/kg	1.3	0.38	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Beryllium, Total	0.39	J	mg/kg	0.63	0.13	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Cadmium, Total	11		mg/kg	1.3	0.09	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Calcium, Total	21000		mg/kg	13	3.8	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Chromium, Total	44		mg/kg	1.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Cobalt, Total	12		mg/kg	2.5	0.63	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Copper, Total	160		mg/kg	1.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Iron, Total	18000		mg/kg	6.3	2.5	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Lead, Total	5800		mg/kg	6.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Magnesium, Total	13000		mg/kg	13	1.3	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Manganese, Total	330		mg/kg	1.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Mercury, Total	0.45		mg/kg	0.11	0.02	1	08/23/13 08:26	08/23/13 12:33	EPA 7471B	1,7471B	MC
Nickel, Total	140		mg/kg	3.2	0.50	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Potassium, Total	500		mg/kg	320	50.	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Selenium, Total	0.59	J	mg/kg	2.5	0.38	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Silver, Total	0.58	J	mg/kg	1.3	0.25	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Sodium, Total	180	J	mg/kg	250	38.	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.5	0.50	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Vanadium, Total	32		mg/kg	1.3	0.13	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG
Zinc, Total	2600		mg/kg	6.3	0.88	2	08/22/13 12:28	08/26/13 14:27	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Lab Number: L1316206
Project Number: Not Specified
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14
Client ID: SB-5 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 08/20/13 10:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2400		mg/kg	8.8	1.8	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.71	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Arsenic, Total	2.5		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Barium, Total	21		mg/kg	0.88	0.26	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Beryllium, Total	0.14	J	mg/kg	0.44	0.09	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Cadmium, Total	0.60	J	mg/kg	0.88	0.06	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Calcium, Total	2700		mg/kg	8.8	2.6	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Chromium, Total	72		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Cobalt, Total	34		mg/kg	1.8	0.44	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Copper, Total	10		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Iron, Total	23000		mg/kg	4.4	1.8	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Lead, Total	51		mg/kg	4.4	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Magnesium, Total	49000		mg/kg	8.8	0.88	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Manganese, Total	430		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 12:35	EPA 7471B	1,7471B	MC
Nickel, Total	660		mg/kg	2.2	0.35	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Potassium, Total	440		mg/kg	220	35.	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.26	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Sodium, Total	79	J	mg/kg	180	26.	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.35	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Vanadium, Total	11		mg/kg	0.88	0.09	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG
Zinc, Total	72		mg/kg	4.4	0.62	2	08/22/13 12:28	08/26/13 14:30	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 09-12 Batch: WG630572-1										
Aluminum, Total	ND		mg/l	0.0100	0.00200	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Antimony, Total	ND		mg/l	0.00100	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Arsenic, Total	ND		mg/l	0.00050	0.00020	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Barium, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Calcium, Total	ND		mg/l	0.100	0.0320	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Chromium, Total	ND		mg/l	0.00100	0.00020	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Cobalt, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Copper, Total	ND		mg/l	0.00100	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Iron, Total	ND		mg/l	0.0500	0.0130	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Lead, Total	ND		mg/l	0.00100	0.00020	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Magnesium, Total	ND		mg/l	0.0700	0.0230	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Manganese, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Nickel, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Potassium, Total	ND		mg/l	0.100	0.0270	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Selenium, Total	ND		mg/l	0.00500	0.00030	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Silver, Total	ND		mg/l	0.00050	0.00010	1	08/21/13 14:16	08/22/13 13:03	1,6020A	AK
Sodium, Total	ND		mg/l	0.100	0.0150	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Thallium, Total	0.00004	J	mg/l	0.00050	0.00003	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Vanadium, Total	ND		mg/l	0.00500	0.00010	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM
Zinc, Total	ND		mg/l	0.01000	0.00120	1	08/21/13 14:16	08/26/13 19:10	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 09-12 Batch: WG630708-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00200	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Antimony, Dissolved	0.00066	J	mg/l	0.00100	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00020	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Barium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM

Project Name: 475 BAY STREET **Lab Number:** L1316206

Project Number: Not Specified **Report Date:** 08/28/13

Method Blank Analysis
Batch Quality Control

Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Chromium, Dissolved	0.00036	J	mg/l	0.00100	0.00020	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.00100	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0230	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Manganese, Dissolved	ND		mg/l	0.00050	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Nickel, Dissolved	0.00011	J	mg/l	0.00050	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Potassium, Dissolved	ND		mg/l	0.100	0.0270	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.00500	0.00030	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.00040	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Sodium, Dissolved	ND		mg/l	0.100	0.0150	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Thallium, Dissolved	0.00004	J	mg/l	0.00050	0.00003	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00010	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM
Zinc, Dissolved	0.00406	J	mg/l	0.01000	0.00120	1	08/21/13 01:40	08/26/13 23:35	1,6020A	BM

Prep Information

Digestion Method: NA

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG630741-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 11:21	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04-08,13-14 Batch: WG630742-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 12:12	1,7471B	MC

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-08,13-14 Batch: WG630843-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.32	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.04	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	1.2	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Copper, Total	0.11	J	mg/kg	0.40	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.80	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	0.40	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Potassium, Total	ND		mg/kg	100	16.	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Sodium, Total	ND		mg/kg	80	12.	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.16	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.04	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.28	1	08/22/13 12:28	08/26/13 12:34	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 09-12 Batch: WG630848-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	08/23/13 08:00	08/23/13 12:52	1,7470A	DR

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 09-12 Batch: WG631190-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/24/13 06:48	08/24/13 10:02	1,7470A	DR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG630572-2								
Aluminum, Total	111		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	110		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	107		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	99		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	111		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG630572-2					
Zinc, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery		LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG630708-2						
Aluminum, Dissolved	112		-	80-120	-	
Antimony, Dissolved	93		-	80-120	-	
Arsenic, Dissolved	105		-	80-120	-	
Barium, Dissolved	100		-	80-120	-	
Beryllium, Dissolved	97		-	80-120	-	
Cadmium, Dissolved	106		-	80-120	-	
Calcium, Dissolved	104		-	80-120	-	
Chromium, Dissolved	103		-	80-120	-	
Cobalt, Dissolved	107		-	80-120	-	
Copper, Dissolved	**150**	Q	-	80-120	-	
Iron, Dissolved	116		-	80-120	-	
Lead, Dissolved	97		-	80-120	-	
Magnesium, Dissolved	111		-	80-120	-	
Manganese, Dissolved	104		-	80-120	-	
Nickel, Dissolved	109		-	80-120	-	
Potassium, Dissolved	110		-	80-120	-	
Selenium, Dissolved	105		-	80-120	-	
Silver, Dissolved	98		-	80-120	-	
Sodium, Dissolved	112		-	80-120	-	
Thallium, Dissolved	100		-	80-120	-	
Vanadium, Dissolved	101		-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG630708-2					
Zinc, Dissolved	110	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG630741-2 SRM Lot Number: 0518-10-02					
Mercury, Total	105	-	67-133	-	
Total Metals - Westborough Lab Associated sample(s): 04-08,13-14 Batch: WG630742-2 SRM Lot Number: 0518-10-02					
Mercury, Total	98	-	67-133	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630843-2 SRM Lot Number: 0518-10-02					
Aluminum, Total	88	-	29-171	-	
Antimony, Total	117	-	4-196	-	
Arsenic, Total	100	-	81-119	-	
Barium, Total	100	-	83-118	-	
Beryllium, Total	104	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Calcium, Total	92	-	83-117	-	
Chromium, Total	97	-	80-119	-	
Cobalt, Total	99	-	83-117	-	
Copper, Total	101	-	83-117	-	
Iron, Total	101	-	51-150	-	
Lead, Total	94	-	80-120	-	
Magnesium, Total	92	-	74-126	-	
Manganese, Total	100	-	83-117	-	
Nickel, Total	99	-	82-117	-	
Potassium, Total	99	-	74-126	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	98	-	66-134	-	
Sodium, Total	100	-	74-127	-	
Thallium, Total	101	-	79-120	-	
Vanadium, Total	98	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316206

Report Date: 08/28/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 Batch: WG630843-2 SRM Lot Number: 0518-10-02					
Zinc, Total	94	-	82-119	-	
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG630848-2					
Mercury, Dissolved	96	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 09-12 Batch: WG631190-2					
Mercury, Total	111	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630572-4 QC Sample: L1316224-01 Client ID: MS Sample												
Aluminum, Total	0.354	2	2.41	103		-	-		80-120	-		20
Antimony, Total	ND	0.5	0.4737	95		-	-		80-120	-		20
Arsenic, Total	0.00385	0.12	0.1350	109		-	-		80-120	-		20
Barium, Total	0.3805	2	2.310	96		-	-		80-120	-		20
Beryllium, Total	ND	0.05	0.04922	98		-	-		80-120	-		20
Cadmium, Total	ND	0.051	0.05118	100		-	-		80-120	-		20
Calcium, Total	798.	10	810	120		-	-		80-120	-		20
Chromium, Total	0.00551	0.2	0.1908	93		-	-		80-120	-		20
Cobalt, Total	0.0027	0.5	0.4858	97		-	-		80-120	-		20
Copper, Total	0.0057	0.25	0.2365	92		-	-		80-120	-		20
Iron, Total	4.26	1	5.14	88		-	-		80-120	-		20
Lead, Total	0.00247J	0.51	0.4856	95		-	-		80-120	-		20
Magnesium, Total	0.568	10	10.6	100		-	-		80-120	-		20
Manganese, Total	0.0149	0.5	0.4822	93		-	-		80-120	-		20
Nickel, Total	0.0969	0.5	0.5602	93		-	-		80-120	-		20
Potassium, Total	170.	10	181	110		-	-		80-120	-		20
Selenium, Total	0.00693J	0.12	0.107	89		-	-		80-120	-		20
Silver, Total	ND	0.05	0.04702	94		-	-		80-120	-		20
Sodium, Total	130.	10	140	100		-	-		80-120	-		20
Thallium, Total	ND	0.12	0.1179	98		-	-		80-120	-		20
Vanadium, Total	0.0012J	0.5	0.4650	93		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630572-4 QC Sample: L1316224-01 Client ID: MS Sample									
Zinc, Total	0.0467J	0.5	0.5260	105	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630708-4 QC Sample: L1316206-09 Client ID: TW-1										
Aluminum, Dissolved	0.0154	2	2.22	110		-	-	80-120	-	20
Antimony, Dissolved	0.00068J	0.5	0.5026	100		-	-	80-120	-	20
Arsenic, Dissolved	0.00466	0.12	0.1315	106		-	-	80-120	-	20
Barium, Dissolved	0.2612	2	2.252	100		-	-	80-120	-	20
Beryllium, Dissolved	ND	0.05	0.04807	96		-	-	80-120	-	20
Cadmium, Dissolved	ND	0.051	0.05432	106		-	-	80-120	-	20
Calcium, Dissolved	184.	10	187	**30**	Q	-	-	80-120	-	20
Chromium, Dissolved	0.00313	0.2	0.1980	97		-	-	80-120	-	20
Cobalt, Dissolved	0.00923	0.5	0.5146	101		-	-	80-120	-	20
Copper, Dissolved	0.00083J	0.25	0.2464	98		-	-	80-120	-	20
Iron, Dissolved	5.83	1	6.44	**61**	Q	-	-	80-120	-	20
Lead, Dissolved	0.00046J	0.51	0.4912	96		-	-	80-120	-	20
Magnesium, Dissolved	70.6	10	79.1	85		-	-	80-120	-	20
Manganese, Dissolved	3.214	0.5	3.560	**69**	Q	-	-	80-120	-	20
Nickel, Dissolved	0.04667	0.5	0.5409	99		-	-	80-120	-	20
Potassium, Dissolved	13.8	10	25.2	114		-	-	80-120	-	20
Selenium, Dissolved	0.00239J	0.12	0.124	103		-	-	80-120	-	20
Silver, Dissolved	0.00010J	0.05	0.04819	96		-	-	80-120	-	20
Sodium, Dissolved	126.	10	131	**50**	Q	-	-	80-120	-	20
Thallium, Dissolved	ND	0.12	0.1170	98		-	-	80-120	-	20
Vanadium, Dissolved	0.00113J	0.5	0.4876	98		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630708-4 QC Sample: L1316206-09 Client ID: TW-1										
Zinc, Dissolved	0.01569	0.5	0.5228	101		-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG630741-4 QC Sample: L1316067-10 Client ID: MS Sample										
Mercury, Total	0.04J	0.175	0.23	**132**	Q	-	-	70-130	-	35
Total Metals - Westborough Lab Associated sample(s): 04-08,13-14 QC Batch ID: WG630742-4 QC Sample: L1316206-04 Client ID: SB-2 (18-20)										
Mercury, Total	ND	0.195	0.18	92		-	-	70-130	-	35

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 QC Batch ID: WG630843-4 QC Sample: L1316206-01 Client ID: SB-1 (7-9)										
Aluminum, Total	5900	177	6100	113		-	-	75-125	-	35
Antimony, Total	ND	44.2	37	84		-	-	75-125	-	35
Arsenic, Total	5.5	10.6	15	89		-	-	75-125	-	35
Barium, Total	52.	177	220	95		-	-	75-125	-	35
Beryllium, Total	0.31J	4.42	4.6	104		-	-	75-125	-	35
Cadmium, Total	0.47J	4.51	4.8	106		-	-	75-125	-	35
Calcium, Total	3800	885	3400	**0**	Q	-	-	75-125	-	35
Chromium, Total	29.	17.7	49	113		-	-	75-125	-	35
Cobalt, Total	18.	44.2	66	108		-	-	75-125	-	35
Copper, Total	27.	22.1	69	**190**	Q	-	-	75-125	-	35
Iron, Total	19000	88.5	22000	**3390**	Q	-	-	75-125	-	35
Lead, Total	38.	45.1	64	**58**	Q	-	-	75-125	-	35
Magnesium, Total	15000	885	12000	**0**	Q	-	-	75-125	-	35
Manganese, Total	230	44.2	360	**294**	Q	-	-	75-125	-	35
Nickel, Total	260	44.2	370	**248**	Q	-	-	75-125	-	35
Potassium, Total	1100	885	2200	124		-	-	75-125	-	35
Selenium, Total	ND	10.6	9.9	93		-	-	75-125	-	35
Silver, Total	ND	26.6	24	90		-	-	75-125	-	35
Sodium, Total	460	885	1000	**61**	Q	-	-	75-125	-	35
Thallium, Total	ND	10.6	8.9	84		-	-	75-125	-	35
Vanadium, Total	22.	44.2	72	113		-	-	75-125	-	35

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 QC Batch ID: WG630843-4 QC Sample: L1316206-01 Client ID: SB-1 (7-9)									
Zinc, Total	42.	44.2	77	79	-	-	75-125	-	35
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630848-4 QC Sample: L1316206-09 Client ID: TW-1									
Mercury, Dissolved	ND	0.00833	0.00851	102	-	-	70-130	-	20
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG631190-4 QC Sample: L1316420-09 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00612	122	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630572-3 QC Sample: L1316224-01 Client ID: DUP Sample						
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630572-3 QC Sample: L1316224-01 Client ID: DUP Sample						
Arsenic, Total	0.00385	0.00375	mg/l	3		20
Barium, Total	0.3805	0.3612	mg/l	5		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00551	0.00548	mg/l	1		20
Lead, Total	0.00247J	0.00215J	mg/l	NC		20
Selenium, Total	0.00693J	0.00679J	mg/l	NC		20
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630708-3 QC Sample: L1316206-09 Client ID: TW-1						
Calcium, Dissolved	184.	181.	mg/l	2		20
Magnesium, Dissolved	70.6	69.1	mg/l	2		20
Manganese, Dissolved	3.214	3.175	mg/l	1		20
Sodium, Dissolved	126.	125.	mg/l	1		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630708-3 QC Sample: L1316206-09 Client ID: TW-1						
Aluminum, Dissolved	0.0154	0.0167	mg/l	8		20
Antimony, Dissolved	0.00068J	0.00066J	mg/l	NC		20
Arsenic, Dissolved	0.00466	0.00443	mg/l	5		20
Barium, Dissolved	0.2612	0.2590	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Chromium, Dissolved	0.00313	0.00231	mg/l	**30**	Q	20
Cobalt, Dissolved	0.00923	0.00910	mg/l	1		20
Copper, Dissolved	0.00083J	0.00078J	mg/l	NC		20
Iron, Dissolved	5.83	5.79	mg/l	1		20
Lead, Dissolved	0.00046J	0.00047J	mg/l	NC		20
Nickel, Dissolved	0.04667	0.04619	mg/l	1		20
Potassium, Dissolved	13.8	13.6	mg/l	1		20
Selenium, Dissolved	0.00239J	0.00197J	mg/l	NC		20
Silver, Dissolved	0.00010J	ND	mg/l	NC		20
Thallium, Dissolved	ND	ND	mg/l	NC		20
Vanadium, Dissolved	0.00113J	0.00093J	mg/l	NC		20
Zinc, Dissolved	0.01569	0.01563	mg/l	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG630741-3 QC Sample: L1316067-10 Client ID: DUP Sample					
Mercury, Total	0.04J	0.03J	mg/kg	NC	35
Total Metals - Westborough Lab Associated sample(s): 04-08,13-14 QC Batch ID: WG630742-3 QC Sample: L1316206-04 Client ID: SB-2 (18-20)					
Mercury, Total	ND	ND	mg/kg	NC	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 QC Batch ID: WG630843-3 QC Sample: L1316206-01 Client ID: SB-1 (7-9)						
Aluminum, Total	5900	5500	mg/kg	7		35
Antimony, Total	ND	ND	mg/kg	NC		35
Arsenic, Total	5.5	3.9	mg/kg	34		35
Barium, Total	52.	48	mg/kg	8		35
Beryllium, Total	0.31J	0.28J	mg/kg	NC		35
Cadmium, Total	0.47J	0.48J	mg/kg	NC		35
Calcium, Total	3800	2100	mg/kg	**58**	Q	35
Chromium, Total	29.	30	mg/kg	3		35
Cobalt, Total	18.	18	mg/kg	0		35
Copper, Total	27.	34	mg/kg	23		35
Iron, Total	19000	20000	mg/kg	5		35
Lead, Total	38.	43	mg/kg	12		35
Magnesium, Total	15000	12000	mg/kg	22		35
Manganese, Total	230	260	mg/kg	12		35
Nickel, Total	260	280	mg/kg	7		35
Potassium, Total	1100	1100	mg/kg	0		35
Selenium, Total	ND	ND	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	460	200	mg/kg	**79**	Q	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08,13-14 QC Batch ID: WG630843-3 QC Sample: L1316206-01 Client ID: SB-1 (7-9)					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	22.	27	mg/kg	20	35
Zinc, Total	42.	40	mg/kg	5	35
Dissolved Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG630848-3 QC Sample: L1316206-09 Client ID: TW-1					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG631190-3 QC Sample: L1316420-09 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-01
Client ID: SB-1 (7-9)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 09:15
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-02
Client ID: SB-1 (15-17)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 09:20
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-03
Client ID: SB-2 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 10:55
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-04
Client ID: SB-2 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 11:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-05
Client ID: SB-3 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 12:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-06
Client ID: SB-3 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 12:05
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-07
Client ID: SB-4 (7-9)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 13:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.1		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-08
Client ID: SB-4 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 13:35
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-13
Client ID: SB-5 (0-2)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 10:00
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.0		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316206-14
Client ID: SB-5 (18-20)
Sample Location: 475 BAY STREET, SI, NY
Matrix: Soil

Date Collected: 08/20/13 10:30
Date Received: 08/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	08/21/13 00:39	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08,13-14 QC Batch ID: WG630401-1 QC Sample: L1316206-01 Client ID: SB-1 (7-9)						
Solids, Total	86.5	84.1	%	3		20

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-01A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-01B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-02A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-02B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-03A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-03B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-04A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-04B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-05A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-05B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-06A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-06B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-07A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-07B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-08A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-08B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-09A	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-09B	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-09C	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-09D	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-09E	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-09F	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-09G	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-09H	Amber 500ml unpreserved	B	N/A	2.3	Y	Absent	NYTCL-8081(7)
L1316206-09I	Amber 500ml unpreserved	B	N/A	2.3	Y	Absent	NYTCL-8081(7)
L1316206-09J	Plastic 500ml HNO3 preserved	B	<2	2.3	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1316206-09K	Plastic 500ml unpreserved	B	7	2.3	Y	Absent	FILTER-MET(1)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-09X	Plastic 250ml HNO3 preserved spl	B	<2	2.3	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1316206-10A	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-10B	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-10C	Vial HCl preserved	B	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1316206-10D	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-10E	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-10F	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-10G	Amber 1000ml unpreserved	B	7	2.3	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-10H	Amber 500ml unpreserved	B	N/A	2.3	Y	Absent	NYTCL-8081(7)
L1316206-10I	Amber 500ml unpreserved	B	N/A	2.3	Y	Absent	NYTCL-8081(7)
L1316206-10J	Plastic 500ml HNO3 preserved	B	<2	2.3	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1316206-10K	Plastic 500ml unpreserved	B	7	2.3	Y	Absent	FILTER-MET(1)
L1316206-10X	Plastic 250ml HNO3 preserved spl	B	<2	2.3	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1316206-11A	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-11B	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-11C	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-11D	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-11E	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-11F	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-11G	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-11H	Amber 500ml unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8081(7)
L1316206-11I	Amber 500ml unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8081(7)
L1316206-11J	Plastic 500ml HNO3 preserved	A	<2	2.1	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1316206-11K	Plastic 500ml unpreserved	A	7	2.1	Y	Absent	FILTER-MET(1)
L1316206-11X	Plastic 250ml HNO3 preserved spl	A	<2	2.1	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1316206-12A	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-12B	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-12C	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-12D	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-12E	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1316206-12F	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-12G	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1316206-12H	Amber 500ml unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8081(7)
L1316206-12I	Amber 500ml unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316206
Report Date: 08/28/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316206-12J	Plastic 500ml HNO3 preserved	A	<2	2.1	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1316206-12K	Plastic 500ml unpreserved	A	7	2.1	Y	Absent	FILTER-MET(1)
L1316206-12X	Plastic 250ml HNO3 preserved spl	A	<2	2.1	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1316206-13A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-13B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316206-14A	Vial Large unpreserved	C	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1316206-14B	Amber 500ml unpreserved	C	N/A	2.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	475 BAY STREET	**Lab Number:**	L1316206
Project Number:	Not Specified	**Report Date:**	08/28/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with "J" Qualifiers

Project Name:	475 BAY STREET	**Lab Number:**	L1316206
Project Number:	Not Specified	**Report Date:**	08/28/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316206
Report Date: 08/28/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 2, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 8/20/13

ALPHA Job #: L1316206

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: akrf inc
Address: 440 Park Ave South
Phone: 610 405 2847
Fax:
Email: dshapiro@akrf.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 475 Bay Street
Project Location: 475 Bay Street, SI
Project #:
Project Manager: D. Shapiro
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 8/27/13 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	Pesticides	PCBs	TAL Metals (Total +Dissolved)							Sample Specific Comments	TOTAL # BOTTLES
16206 -01	SB-1 (7-9)	8/20/13	0915	S	aj	X	X	X	X	X								
-02	SB-1 (15-17)		0920	S	aj	X	X	X	X	X								
-03	SB-2 (0-2)		1055	S	aj	X	X	X	X	X								
-04	SB-2 (18-20)		1100	S	aj	X	X	X	X	X								
-05	SB-3 (0-2)		1200	S	aj	X	X	X	X	X								
-06	SB-3 (18-20)		1205	S	aj	X	X	X	X	X								
-07	SB-4 (7-9)		1330	S	aj	X	X	X	X	X								
-08	SB-4 (18-20)		1335	S	aj	X	X	X	X	X								
-09	TW-1		0950	GW	aj	X	X	X	X	X	X							
-10	TW-2		1120	GW	aj	X	X	X	X	X	X							
	Container Type																	
	Preservative																	

Relinquished By:	Date/Time	Received By:	Date/Time
	8/20/13 17:00		8/20/13 17:20
	8/20/13 18:10	Abdul Mabub	8/20/13 18:10
Abdul Mabub	8/20/13 22:30		8/20/13 22:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 8/20/13

ALPHA Job #: L1316206

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF INC

Address: 440 Park Ave S. NY NY 10016

Phone: 610 405 2847

Fax:

Email: dshapiro@akrf

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 475 Bay St.

Project Location: 475 Bay St SI NY

Project #:

Project Manager: D. Shapiro

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/27/13 **Time:**

Report Information - Data Deliverables

☐ FAX ☑ EMAIL

☑ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	Pesticides	PCBs	TAL Metals (Total +Dissolved)						Sample Specific Comments	TOTAL # BOTTLES
16206 -11	TW-3	8/20/13	1300	GW	aj	X	X	X	X	X	X						
-12	TW-4	8/20/13	1400	GW	aj	X	X	X	X	X	X						
-13	SB-5 (0-2)	8/20/13	1000	S	aj	X	X	X	X	X							
-14	SB-5 (18-20)	8/20/13	1030	S	aj	X	X	X	X	X							
Container Type																	
Preservative																	

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
	8/20/13 @		8/20/13
	8/20/13	18:10	8/20/13 18:10
	8/20/13 22:30		8/20/13 22:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1316261
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Deborah Shapiro
Phone:	(646) 388-9500
Project Name:	475 BAY ST
Project Number:	Not Specified
Report Date:	08/28/13

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1316261-01	SV-1	475 BAY ST SI NY	08/21/13 10:44
L1316261-02	SV-2	475 BAY ST SI NY	08/21/13 11:30
L1316261-03	SV-4	475 BAY ST SI NY	08/21/13 10:57
L1316261-04	SV-3	475 BAY ST SI NY	08/21/13 19:27

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 19, 2013. The canister certification results are provided as an addendum.

Samples L1316261-01, -02 and -03 have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples.

Sample L1316261-04 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Sample L1316261-04 was re-analyzed at dilution in order to quantify the sample within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

Sample L1316261-04; the RPD of the pre- and post-flow controller calibration check (113% RPD) was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 36 mL/minute; the final flow rate was 10 mL/minute. The final pressure recorded by the laboratory of the associated canister was -14.3 inches of mercury.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 08/28/13

AIR

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-01 D
Client ID: SV-1
Sample Location: 475 BAY ST SI NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/26/13 23:12
Analyst: MB

Date Collected: 08/21/13 10:44
Date Received: 08/21/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	29.7	5.00	--	51.1	8.61	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	25.0	--	ND	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	225	10.0	--	534	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	11.1	2.00	--	34.6	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	21.2	2.00	--	62.5	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-01 D
Client ID: SV-1
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 10:44
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	3.48	2.00	--	12.3	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	2.37	2.00	--	7.57	6.39	--		10
Carbon tetrachloride	4.60	2.00	--	28.9	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	2.40	2.00	--	9.84	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	6.15	2.00	--	23.2	7.54	--		10
2-Hexanone	2.96	2.00	--	12.1	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	11.5	2.00	--	78.0	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	2.36	2.00	--	10.3	8.69	--		10
p/m-Xylene	7.55	4.00	--	32.8	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-01 D
Client ID: SV-1
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 10:44
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	3.97	2.00	--	17.2	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	2.31	2.00	--	11.4	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-02 D
Client ID: SV-2
Sample Location: 475 BAY ST SI NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/26/13 23:42
Analyst: MB

Date Collected: 08/21/13 11:30
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	280	5.00	--	482	8.61	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	3.57	2.00	--	7.90	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	25.0	--	ND	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	356	10.0	--	846	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	5.80	2.00	--	18.1	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	14.9	2.00	--	43.9	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-02 D
Client ID: SV-2
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 11:30
Date Received: 08/21/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	4.22	2.00	--	20.6	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	5.26	2.00	--	18.5	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	2.16	2.00	--	6.90	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	3.27	2.00	--	11.3	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	2.31	2.00	--	9.47	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	5.45	2.00	--	20.5	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	6.34	4.00	--	27.5	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-02 D
Client ID: SV-2
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 11:30
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	2.98	2.00	--	12.9	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	90		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-03 D
Client ID: SV-4
Sample Location: 475 BAY ST SI NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/27/13 00:13
Analyst: MB

Date Collected: 08/21/13 10:57
Date Received: 08/21/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	20.6	5.00	--	35.5	8.61	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	25.0	--	ND	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	391	10.0	--	929	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	5.64	2.00	--	16.6	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-03 D
Client ID: SV-4
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 10:57
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	14.5	2.00	--	51.1	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	8.59	2.00	--	29.6	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	3.20	2.00	--	13.1	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	5.83	2.00	--	22.0	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	7.24	4.00	--	31.4	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-03 D
Client ID: SV-4
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 10:57
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	4.01	2.00	--	17.4	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	3.03	2.00	--	14.9	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-04 D
Client ID: SV-3
Sample Location: 475 BAY ST SI NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/27/13 00:43
Analyst: MB

Date Collected: 08/21/13 19:27
Date Received: 08/22/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	1730	5.00	--	2980	8.61	--	E	10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	57.3	25.0	--	108	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	1340	10.0	--	3180	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	7.47	5.00	--	18.4	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	3.29	2.00	--	10.2	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	53.1	2.00	--	157	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-04 D
Client ID: SV-3
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 19:27
Date Received: 08/22/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	13.1	2.00	--	46.2	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	6.22	2.00	--	19.9	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	6.97	2.00	--	24.0	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	4.96	2.00	--	20.3	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	7.52	2.00	--	28.3	7.54	--		10
2-Hexanone	5.34	2.00	--	21.9	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	5.49	4.00	--	23.8	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-04 D
Client ID: SV-3
Sample Location: 475 BAY ST SI NY

Date Collected: 08/21/13 19:27
Date Received: 08/22/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	2.56	2.00	--	11.1	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	85		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

SAMPLE RESULTS

Lab ID: L1316261-04 D2
Client ID: SV-3
Sample Location: 475 BAY ST SI NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/27/13 10:53
Analyst: MB

Date Collected: 08/21/13 19:27
Date Received: 08/22/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	2600	27.3	--	4470	47.0	--		54.52

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	83		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	98		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/26/13 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG631635-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 475 BAY ST
Project Number: Not Specified
Lab Number: L1316261
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/26/13 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG631635-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/26/13 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG631635-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY ST

Project Number: Not Specified

Lab Number: L1316261

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG631635-3								
Chlorodifluoromethane	84		-		70-130	-		
Propylene	90		-		70-130	-		
Propane	**67**	Q	-		70-130	-		
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	91		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	97		-		70-130	-		
Methanol	83		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Butane	91		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	97		-		70-130	-		
Ethyl Alcohol	95		-		70-130	-		
Dichlorofluoromethane	90		-		70-130	-		
Vinyl bromide	96		-		70-130	-		
Acrolein	92		-		70-130	-		
Acetone	105		-		70-130	-		
Acetonitrile	86		-		70-130	-		
Trichlorofluoromethane	101		-		70-130	-		
iso-Propyl Alcohol	87		-		70-130	-		
Acrylonitrile	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY ST

Project Number: Not Specified

Lab Number: L1316261

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG631635-3								
Pentane	85		-		70-130	-		
Ethyl ether	81		-		70-130	-		
1,1-Dichloroethene	100		-		70-130	-		
tert-Butyl Alcohol	94		-		70-130	-		
Methylene chloride	90		-		70-130	-		
3-Chloropropene	85		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		
trans-1,2-Dichloroethene	88		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
Vinyl acetate	100		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		
Ethyl Acetate	84		-		70-130	-		
Chloroform	103		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	96		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	91		-		70-130	-		
Isopropyl Ether	77		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY ST

Project Number: Not Specified

Lab Number: L1316261

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG631635-3								
Ethyl-Tert-Butyl-Ether	85		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
1,1-Dichloropropene	80		-		70-130	-		
Benzene	77		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	86		-		70-130	-		
Tertiary-Amyl Methyl Ether	84		-		70-130	-		
Dibromomethane	86		-		70-130	-		
1,2-Dichloropropane	89		-		70-130	-		
Bromodichloromethane	90		-		70-130	-		
1,4-Dioxane	88		-		70-130	-		
Trichloroethene	91		-		70-130	-		
2,2,4-Trimethylpentane	88		-		70-130	-		
Methyl methacrylate	94		-		70-130	-		
Heptane	84		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	85		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	93		-		70-130	-		
Toluene	92		-		70-130	-		
1,3-Dichloropropane	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY ST

Project Number: Not Specified

Lab Number: L1316261

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG631635-3								
2-Hexanone	93		-		70-130	-		
Dibromochloromethane	93		-		70-130	-		
1,2-Dibromoethane	83		-		70-130	-		
Butyl Acetate	96		-		70-130	-		
Octane	88		-		70-130	-		
Tetrachloroethene	93		-		70-130	-		
1,1,1,2-Tetrachloroethane	92		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	94		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	93		-		70-130	-		
Styrene	96		-		70-130	-		
1,1,2,2-Tetrachloroethane	95		-		70-130	-		
o-Xylene	98		-		70-130	-		
1,2,3-Trichloropropane	87		-		70-130	-		
Nonane (C9)	96		-		70-130	-		
Isopropylbenzene	93		-		70-130	-		
Bromobenzene	90		-		70-130	-		
o-Chlorotoluene	92		-		70-130	-		
n-Propylbenzene	91		-		70-130	-		
p-Chlorotoluene	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY ST

Project Number: Not Specified

Lab Number: L1316261

Report Date: 08/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG631635-3								
4-Ethyltoluene	87		-		70-130	-		
1,3,5-Trimethylbenzene	97		-		70-130	-		
tert-Butylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Decane (C10)	88		-		70-130	-		
Benzyl chloride	91		-		70-130	-		
1,3-Dichlorobenzene	96		-		70-130	-		
1,4-Dichlorobenzene	97		-		70-130	-		
sec-Butylbenzene	91		-		70-130	-		
p-Isopropyltoluene	86		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
n-Butylbenzene	94		-		70-130	-		
1,2-Dibromo-3-chloropropane	107		-		70-130	-		
Undecane	98		-		70-130	-		
Dodecane (C12)	**221**	Q	-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	101		-		70-130	-		
1,2,3-Trichlorobenzene	107		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG631635-5 QC Sample: L1316390-02 Client ID: DUP Sample						
Propylene	0.712	ND	ppbV	NC		25
Dichlorodifluoromethane	1.31	1.30	ppbV	1		25
Chloromethane	0.323	0.366	ppbV	12		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	22.8	21.3	ppbV	7		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	84.2	84.2	ppbV	0		25
Trichlorofluoromethane	0.316	0.323	ppbV	2		25
iso-Propyl Alcohol	7.76	7.10	ppbV	9		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	1.88	1.91	ppbV	2		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG631635-5 QC Sample: L1316390-02 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	1.10	1.11	ppbV	1	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	0.963	1.02	ppbV	6	25
1,1,1-Trichloroethane	0.240	0.234	ppbV	3	25
Benzene	2.29	2.34	ppbV	2	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	0.668	0.695	ppbV	4	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	0.498	0.491	ppbV	1	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG631635-5 QC Sample: L1316390-02 Client ID: DUP Sample					
Heptane	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	0.227	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	2.25	2.36	ppbV	5	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	1.93	2.00	ppbV	4	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG631635-5 QC Sample: L1316390-02 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 475 BAY ST

Lab Number: L1316261

Project Number:

Report Date: 08/28/13

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1316261-01	SV-1	0577	#30 SV	08/19/13	92110		-	-	-	Pass	40	44	10
L1316261-01	SV-1	1050	6.0L Can	08/19/13	92110	L1315505-02	Pass	-29.4	-5.9	-	-	-	-
L1316261-02	SV-2	0435	#30 SV	08/19/13	92110		-	-	-	Pass	35	33	6
L1316261-02	SV-2	1897	6.0L Can	08/19/13	92110	L1315505-02	Pass	-29.2	-7.6	-	-	-	-
L1316261-03	SV-4	0578	#30 SV	08/19/13	92110		-	-	-	Pass	40	43	7
L1316261-03	SV-4	1881	6.0L Can	08/19/13	92110	L1315505-02	Pass	-29.1	-7.0	-	-	-	-
L1316261-04	SV-3	0391	#30 SV	08/19/13	92110		-	-	-	Pass	36	10	113
L1316261-04	SV-3	986	6.0L Can	08/19/13	92110	L1315505-02	Pass	-29.4	-14.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/14/13 19:19
Analyst: MB

Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.200	--	ND	0.361	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:

Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/14/13 19:19
Analyst: RY

Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1315505
Report Date: 08/28/13

Air Canister Certification Results

Lab ID: L1315505-02
Client ID: CAN 760 SHELF 47
Sample Location:
Date Collected: 08/09/13 17:08
Date Received: 08/12/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: 475 BAY ST
Project Number: Not Specified

Lab Number: L1316261
Report Date: 08/28/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316261-01A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1316261-02A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1316261-03A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1316261-04A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	475 BAY ST	**Lab Number:**	L1316261
Project Number:	Not Specified	**Report Date:**	08/28/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	475 BAY ST	**Lab Number:**	L1316261
Project Number:	Not Specified	**Report Date:**	08/28/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: 475 BAY ST
Project Number: Not Specified
Lab Number: L1316261
Report Date: 08/28/13

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable). Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Titanium, Vanadium, Zinc, Total Organic Carbon, Corrosivity, TCLP 1311, SPLP 1312. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, SM2540G.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1, 245.7, 1631E, 3020A, 6020A, 7470A, 9040, 9050A, SM2320B, 2540D, 2540G, 4500H-B, Organic Parameters: EPA 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 5030B, 8015D, 3570, 8081B, 8082A, 8260B, 8270C, 8270D.)

Solid & Chemical Materials (Inorganic Parameters: EPA 1311, 3050B, 3051A, 3060A, 6020A, 7196A, 7470A, 7471B, 7474, 9040B, 9045C, 9060. Organic Parameters: EPA 3540C, 3570, 3580A, 3630C, 3640A, 3660, 3665A, 5035, 8015D, 8081B, 8082A, 8260B, 8270C, 8270D.)

Biological Tissue (Inorganic Parameters: EPA 6020A. Organic Parameters: EPA 3570, 3510C, 3610B, 3630C, 3640A, 8270C, 8270D.)

Air & Emissions (EPA TO-15.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1, 1631E, 6020A, 7470A, 9040B, 9050A, SM2540D, 2540G, 4500H+B, 2320B, 3020A, . Organic Parameters: EPA 3510C, 3630C, 3640A, 3660B, 8081B, 8082A, 8270C, 8270D, 8015D.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 3050B, 3051A, 6020A, 7471B, 9040B, 9045C. Organic Parameters: SW-846 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8015D, 8082A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3020A, SM2320B, SM2540D, 2540G, 4500H-B, EPA 180.1, 1631E, SW-846 7470A, 9040C, 6020A, 9050A. Organic Parameters: SW-846 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 1312, 3050B, 3051A, 6020A, 7471B, 7474, 9040B, 9040C, 9045C, 9045D, 9060. Organic Parameters: SW-846 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8081B, 8082A, 8270C, 8270D, 8015D.)

Atmospheric Organic Parameters (EPA 3C, TO-15, TO-10A, TO-13A-SIM.)

Biological Tissue (Inorganic Parameters: SW-846 6020A. Organic Parameters: SW-846 8270C, 8270D, 3510C, 3570, 3610C, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, 6020A, 1631E, 7470A, 9050A, EPA 180.1, 3020A. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 3510C.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 6020A, 7471B, 7474, 9040C, 9045D. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 1311, 3050B, 3580A, 3570, 3051A.)

Air & Emissions (EPA TO-15, TO-10A.)

Pennsylvania Certificate/Lab ID: 68-02089 ***NELAP Accredited***

Non-Potable Water (Inorganic Parameters: 1312, 1631E, 180.1, 3020A, 6020A, 7470A, 9040B, 9050A, 2320B, 2540D, 2540G, SM4500H+-B. Organic Parameters: 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D .)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 3051A, 6020A, 7471B, 7474 9040B, 9045C, 9060. Organic Parameters: EPA3050B, 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8270D, 8081B, 8015D, 8082A.)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via NJ-DEP.***

Refer to NJ-DEP Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:460194. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters:EPA 3020A, 6020A, 245.7, 9040B. Organic Parameters: EPA 3510C, 3640A, 3660B, 3665A, 8270C, 8270D, 8082A, 8081B, 8015D.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020A,7470A,7471B,9040B,9045C,3050B,3051, 9060. Organic Parameters: EPA 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 3570, 8270C, 8270D, 8081B, 8082A, 8015D.)

Washington State Department of Ecology Certificate/Lab ID: C954. *Non-Potable Water* (Inorganic Parameters: SM2540D, 180.1, 1631E.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 7474, 9045C, 9050A, 9060. Organic Parameters: EPA 8081, 8082, 8015, 8270.)

U.S. Army Corps of Engineers

Department of Defense, L-A-B Certificate/Lab ID: L2217.01.

Non-Potable Water (Inorganic Parameters: EPA 6020A, SM4500H-B. Organic Parameters: 3020A, 3510C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH, 8082A, 8081B, 8015D-SHC, 8015D.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 3050B, 6020A, 7471A, 9045C, 9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580A, 3570, 3540C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH 8082A, 8081B, 8015D-SHC, 8015D.

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP

Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl. **TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 2-Methylnaphthalene, 1-Methylnaphthalene.

Serial_No:08281316:22

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1316261

Client Information

Client: akrf, inc
Address: 440 Park Ave S.
Ny, ny 10016
Phone: 610 405 2847
Fax:
Email: dshapiro@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 475 Bay Street
Project Location: 475 Bay St. SI, NY
Project #: 11802
Project Manager: d. Shapiro
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH *(only confirmed if pre-approved!)*

Date Due: **Time:**

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables: •
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments: Sample should be reported w/ shipment on 8/21/13 (SV-1, SV-2, SV-4)

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
L1316261-4	SV-3	8/21/13	0857	1927	-31.29	-14.98	SV	aj	6L	986	0391		X						TOX > 2 hrs

***SAMPLE MATRIX CODES**
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	0330 8/22/13		8/22/13 8:30
	8/22/13 18:50		8/22/13 18:50
	8/22/13 23:50		8/22/13 23:50
	8/23/13 04:30	Mansfield Lab	8/23/13 0430

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1316261

Client Information

Client: AKRF INC
Address: 440 Park Ave S.
NY NY 10016
Phone: 610 405 2847
Fax:
Email: dshapiro@akrf.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 475 Bay St.
Project Location: 475 Bay St S(NY)
Project #:
Project Manager: D. Shapiro
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
162661-01	SV-1	8/21/13	0841	1044	-30.69	-5.75	SV	gj	6L	1050	0577		X						
-02	SV-2		0848	1130	-30.89	-7.16	SV	gj	6L	18970435			X						SV-3
~~-03~~	~~SV-3~~		0857		-31.29		SV	gj	6L	986	0391		X						to be picked
-03	SV-4		0902	1057	-29.73	-6.02	SV	gj	6L	1881	0578		X						up 8/22/13
																			from NYC office

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: C S

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
A. Jordan	8/21/13 1255		8/21/13 12:55
	8/21/13 18:35		8/21/13 18:35
	8/21/13 23:55		8/21/13 23:55
	8/22/13 0330	Mansfield Lab	8/22/13 03:30

ANALYTICAL REPORT

Lab Number:	L1316298
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Deborah Shapiro
Phone:	(646) 388-9500
Project Name:	475 BAY STREET
Project Number:	Not Specified
Report Date:	08/30/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1316298-01	SB-6 (7-9)	475 BAY ST, SI, NY	08/21/13 09:40
L1316298-02	SB-6 (18-20)	475 BAY ST, SI, NY	08/21/13 09:45
L1316298-03	SB-7 (6-8)	475 BAY ST, SI, NY	08/21/13 09:20
L1316298-04	SB-7 (18-20)	475 BAY ST, SI, NY	08/21/13 09:15
L1316298-05	SB-8 (6-8)	475 BAY ST, SI, NY	08/21/13 08:20
L1316298-06	SB-8 (18-20)	475 BAY ST, SI, NY	08/21/13 08:25
L1316298-07	TB	475 BAY ST, SI, NY	08/21/13 00:00

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 475 BAY STREET **Lab Number:** L1316298
Project Number: Not Specified **Report Date:** 08/30/13

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Pesticides

L1316298-05 has elevated detection limits due to the dilution required by the sample matrix.
The surrogate recoveries for L1316298-05 are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene and decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Metals

L1316298-01 through -06 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.
The WG631173-4 MS recoveries for aluminum (0%), iron (0%), magnesium (0%), and manganese (67%), performed on L1316298-01, do not apply because the sample concentration is greater than four times the spike amount added.
The WG631173-4 MS recoveries, performed on L1316298-01, are below the acceptance criteria for chromium (72%), copper (71%), nickel (45%), and potassium (33%). A post digestion spike was performed with acceptable recoveries for chromium (89%), copper (92%), nickel (80%), and potassium (92%).
The WG631173-4 MS recovery, performed on L1316298-01, is below the acceptance criteria for zinc (74%). A post digestion spike was performed with an unacceptable recovery of 78%. This has been attributed to sample matrix.
The WG631173-3 Laboratory Duplicate RPD, performed on L1316298-01, is outside the acceptance criteria for lead (36%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Case Narrative (continued)

for the Laboratory Duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/30/13

ORGANICS

VOLATILES

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01
Client ID: SB-6 (7-9)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 16:22
Analyst: PP
Percent Solids: 87%

Date Collected: 08/21/13 09:40
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.6	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.20	1
Benzene	1.4		ug/kg	1.1	0.14	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.90	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01 Date Collected: 08/21/13 09:40

Client ID: SB-6 (7-9) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	11		ug/kg	11	3.6	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	2.0	J	ug/kg	11	0.41	1
Vinyl acetate	ND		ug/kg	11	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.22	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.23	1
sec-Butylbenzene	ND		ug/kg	1.1	0.24	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.7	0.88	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.66	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01 Date Collected: 08/21/13 09:40

Client ID: SB-6 (7-9) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	95		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02
Client ID: SB-6 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 16:49
Analyst: PP
Percent Solids: 88%

Date Collected: 08/21/13 09:45
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.6	0.47	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.89	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02 Date Collected: 08/21/13 09:45

Client ID: SB-6 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	32		ug/kg	11	3.5	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	6.1	J	ug/kg	11	0.40	1
Vinyl acetate	ND		ug/kg	11	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	49		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.7	0.88	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.65	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02 Date Collected: 08/21/13 09:45

Client ID: SB-6 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	95		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03
Client ID: SB-7 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 17:17
Analyst: PP
Percent Solids: 88%

Date Collected: 08/21/13 09:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.5	0.47	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.89	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.27	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03 Date Collected: 08/21/13 09:20

Client ID: SB-7 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	55		ug/kg	11	3.5	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	11		ug/kg	11	0.40	1
Vinyl acetate	ND		ug/kg	11	0.54	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	1.5	J	ug/kg	5.7	0.87	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.65	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.5	0.18	1
4-Ethyltoluene	ND		ug/kg	4.5	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03 Date Collected: 08/21/13 09:20

Client ID: SB-7 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04
Client ID: SB-7 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 17:44
Analyst: PP
Percent Solids: 88%

Date Collected: 08/21/13 09:15
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.5	0.47	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.89	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.27	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04 Date Collected: 08/21/13 09:15

Client ID: SB-7 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.36	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	31		ug/kg	11	3.5	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	5.7	J	ug/kg	11	0.40	1
Vinyl acetate	ND		ug/kg	11	0.54	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.25	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.7	0.87	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.65	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.5	0.18	1
4-Ethyltoluene	ND		ug/kg	4.5	0.13	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04 Date Collected: 08/21/13 09:15

Client ID: SB-7 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	97		70-130

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-05	D2	Date Collected:	08/21/13 08:20
Client ID:	SB-8 (6-8)		Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	08/28/13 15:35			
Analyst:	PP			
Percent Solids:	78%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	9800		ug/kg	320	49.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05 D
Client ID: SB-8 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/27/13 18:12
Analyst: PP
Percent Solids: 78%

Date Collected: 08/21/13 08:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	64	13.	5
1,1-Dichloroethane	ND		ug/kg	9.6	1.1	5
Chloroform	ND		ug/kg	9.6	2.4	5
Carbon tetrachloride	ND		ug/kg	6.4	1.3	5
1,2-Dichloropropane	ND		ug/kg	22	1.5	5
Dibromochloromethane	ND		ug/kg	6.4	2.0	5
1,1,2-Trichloroethane	ND		ug/kg	9.6	1.9	5
Tetrachloroethene	ND		ug/kg	6.4	0.90	5
Chlorobenzene	ND		ug/kg	6.4	2.2	5
Trichlorofluoromethane	ND		ug/kg	32	0.78	5
1,2-Dichloroethane	ND		ug/kg	6.4	0.94	5
1,1,1-Trichloroethane	ND		ug/kg	6.4	0.71	5
Bromodichloromethane	ND		ug/kg	6.4	1.5	5
trans-1,3-Dichloropropene	ND		ug/kg	6.4	0.77	5
cis-1,3-Dichloropropene	ND		ug/kg	6.4	0.81	5
1,1-Dichloropropene	ND		ug/kg	32	2.9	5
Bromoform	ND		ug/kg	26	2.6	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	6.4	1.1	5
Benzene	ND		ug/kg	6.4	0.76	5
Toluene	ND		ug/kg	9.6	0.72	5
Ethylbenzene	5.0	J	ug/kg	6.4	0.94	5
Chloromethane	ND		ug/kg	32	5.0	5
Bromomethane	ND		ug/kg	13	2.2	5
Vinyl chloride	ND		ug/kg	13	0.90	5
Chloroethane	ND		ug/kg	13	2.0	5
1,1-Dichloroethene	ND		ug/kg	6.4	1.3	5
trans-1,2-Dichloroethene	ND		ug/kg	9.6	1.4	5
Trichloroethene	ND		ug/kg	6.4	0.97	5
1,2-Dichlorobenzene	ND		ug/kg	32	1.2	5
1,3-Dichlorobenzene	ND		ug/kg	32	1.2	5
1,4-Dichlorobenzene	ND		ug/kg	32	1.5	5

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05 D Date Collected: 08/21/13 08:20

Client ID: SB-8 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	13	0.67	5
p/m-Xylene	6.7	J	ug/kg	13	2.1	5
o-Xylene	5.4	J	ug/kg	13	1.7	5
cis-1,2-Dichloroethene	ND		ug/kg	6.4	0.96	5
Dibromomethane	ND		ug/kg	64	1.0	5
Styrene	ND		ug/kg	13	2.0	5
Dichlorodifluoromethane	ND		ug/kg	64	1.4	5
Acetone	160		ug/kg	64	20.	5
Carbon disulfide	ND		ug/kg	64	13.	5
2-Butanone	43	J	ug/kg	64	2.3	5
Vinyl acetate	ND		ug/kg	64	3.1	5
4-Methyl-2-pentanone	ND		ug/kg	64	1.6	5
1,2,3-Trichloropropane	ND		ug/kg	64	1.4	5
2-Hexanone	ND		ug/kg	64	1.2	5
Bromochloromethane	ND		ug/kg	32	1.3	5
2,2-Dichloropropane	ND		ug/kg	32	1.4	5
1,2-Dibromoethane	ND		ug/kg	26	1.1	5
1,3-Dichloropropane	ND		ug/kg	32	1.1	5
1,1,1,2-Tetrachloroethane	ND		ug/kg	6.4	2.0	5
Bromobenzene	ND		ug/kg	32	1.3	5
n-Butylbenzene	ND		ug/kg	6.4	1.3	5
sec-Butylbenzene	ND		ug/kg	6.4	1.3	5
tert-Butylbenzene	ND		ug/kg	32	3.6	5
o-Chlorotoluene	ND		ug/kg	32	1.0	5
p-Chlorotoluene	ND		ug/kg	32	0.98	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	32	5.0	5
Hexachlorobutadiene	ND		ug/kg	32	2.7	5
Isopropylbenzene	ND		ug/kg	6.4	1.1	5
p-Isopropyltoluene	ND		ug/kg	6.4	1.2	5
Naphthalene	2700	E	ug/kg	32	4.9	5
Acrylonitrile	ND		ug/kg	64	1.5	5
n-Propylbenzene	ND		ug/kg	6.4	0.80	5
1,2,3-Trichlorobenzene	ND		ug/kg	32	1.1	5
1,2,4-Trichlorobenzene	ND		ug/kg	32	5.0	5
1,3,5-Trimethylbenzene	6.2	J	ug/kg	32	0.92	5
1,2,4-Trimethylbenzene	11	J	ug/kg	32	3.7	5
1,4-Dioxane	ND		ug/kg	640	110	5
1,4-Diethylbenzene	7.9	J	ug/kg	26	1.0	5
4-Ethyltoluene	4.7	J	ug/kg	26	0.75	5

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05 D
Client ID: SB-8 (6-8)
Sample Location: 475 BAY ST, SI, NY

Date Collected: 08/21/13 08:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	7.5	J	ug/kg	26	0.83	5
Ethyl ether	ND		ug/kg	32	1.7	5
trans-1,4-Dichloro-2-butene	ND		ug/kg	32	2.9	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06
Client ID: SB-8 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/28/13 17:55
Analyst: PP
Percent Solids: 87%

Date Collected: 08/21/13 08:25
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.53	1
Bromoform	ND		ug/kg	4.6	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.8	0.90	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.28	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06 Date Collected: 08/21/13 08:25

Client ID: SB-8 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.25	1
Acetone	6.9	J	ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	1.8	J	ug/kg	12	0.41	1
Vinyl acetate	ND		ug/kg	12	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.26	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.8	0.23	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.8	0.65	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.91	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	31		ug/kg	5.8	0.89	1
Acrylonitrile	ND		ug/kg	12	0.27	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.91	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.66	1
1,4-Dioxane	ND		ug/kg	120	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.14	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06 Date Collected: 08/21/13 08:25

Client ID: SB-8 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-07
Client ID: TB
Sample Location: 475 BAY ST, SI, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/22/13 17:01
Analyst: PD

Date Collected: 08/21/13 00:00
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-07 Date Collected: 08/21/13 00:00

Client ID: TB Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-07 Date Collected: 08/21/13 00:00

Client ID: TB Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG630904-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG630904-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	1.2
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/22/13 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG630904-3					
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.24
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 15:54
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG632202-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 15:54
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG632202-3					
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/27/13 15:54
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG632202-3					
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
1,4-Dioxane	ND		ug/kg	100	17.
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG632202-6					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.21	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG632202-6					
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG632202-6					
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	0.41	J	ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG632304-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.21	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG632304-3					
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/28/13 13:14
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG632304-3					
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	0.41	J	ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG630904-1 WG630904-2								
Methylene chloride	103		103		70-130	0		20
1,1-Dichloroethane	99		98		70-130	1		20
Chloroform	99		97		70-130	2		20
2-Chloroethylvinyl ether	96		96		70-130	0		20
Carbon tetrachloride	101		100		63-132	1		20
1,2-Dichloropropane	96		96		70-130	0		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	100		98		70-130	2		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	102		101		75-130	1		20
Trichlorofluoromethane	124		120		62-150	3		20
1,2-Dichloroethane	97		99		70-130	2		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	101		101		67-130	0		20
trans-1,3-Dichloropropene	97		98		70-130	1		20
cis-1,3-Dichloropropene	95		97		70-130	2		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	99		99		54-136	0		20
1,1,2,2-Tetrachloroethane	91		92		67-130	1		20
Benzene	104		102		70-130	2		20
Toluene	105		102		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG630904-1 WG630904-2								
Ethylbenzene	109		106		70-130	3		20
Chloromethane	82		85		64-130	4		20
Bromomethane	66		64		39-139	3		20
Vinyl chloride	112		114		55-140	2		20
Chloroethane	119		119		55-138	0		20
1,1-Dichloroethene	109		108		61-145	1		20
trans-1,2-Dichloroethene	97		96		70-130	1		20
Trichloroethene	101		98		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	104		102		70-130	2		20
1,4-Dichlorobenzene	99		98		70-130	1		20
Methyl tert butyl ether	89		94		63-130	5		20
p/m-Xylene	108		107		70-130	1		20
o-Xylene	111		108		70-130	3		20
cis-1,2-Dichloroethene	101		99		70-130	2		20
Dibromomethane	98		103		70-130	5		20
1,2,3-Trichloropropane	96		95		64-130	1		20
Acrylonitrile	81		84		70-130	4		20
Isopropyl Ether	90		90		70-130	0		20
tert-Butyl Alcohol	86		92		70-130	7		20
Styrene	114		112		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG630904-1 WG630904-2								
Dichlorodifluoromethane	100		96		36-147	4		20
Acetone	125		112		58-148	11		20
Carbon disulfide	99		97		51-130	2		20
2-Butanone	87		98		63-138	12		20
Vinyl acetate	86		89		70-130	3		20
4-Methyl-2-pentanone	73		76		59-130	4		20
2-Hexanone	90		87		57-130	3		20
Bromochloromethane	103		102		70-130	1		20
2,2-Dichloropropane	107		105		63-133	2		20
1,2-Dibromoethane	92		92		70-130	0		20
1,3-Dichloropropane	98		97		70-130	1		20
1,1,1,2-Tetrachloroethane	102		101		64-130	1		20
Bromobenzene	101		99		70-130	2		20
n-Butylbenzene	99		100		53-136	1		20
sec-Butylbenzene	105		103		70-130	2		20
tert-Butylbenzene	102		102		70-130	0		20
o-Chlorotoluene	113		111		70-130	2		20
p-Chlorotoluene	108		106		70-130	2		20
1,2-Dibromo-3-chloropropane	86		88		41-144	2		20
Hexachlorobutadiene	93		92		63-130	1		20
Isopropylbenzene	109		105		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG630904-1 WG630904-2								
p-Isopropyltoluene	102		101		70-130	1		20
Naphthalene	99		109		70-130	10		20
n-Propylbenzene	104		102		69-130	2		20
1,2,3-Trichlorobenzene	89		95		70-130	7		20
1,2,4-Trichlorobenzene	87		95		70-130	9		20
1,3,5-Trimethylbenzene	105		105		64-130	0		20
1,2,4-Trimethylbenzene	98		99		70-130	1		20
Methyl Acetate	88		87		70-130	1		20
Ethyl Acetate	86		89		70-130	3		20
Cyclohexane	93		93		70-130	0		20
Ethyl-Tert-Butyl-Ether	88		89		70-130	1		20
Tertiary-Amyl Methyl Ether	90		93		66-130	3		20
1,4-Dioxane	91		96		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		116		70-130	3		20
1,4-Diethylbenzene	99		99		70-130	0		20
4-Ethyltoluene	104		102		70-130	2		20
1,2,4,5-Tetramethylbenzene	120		122		70-130	2		20
Ethyl ether	111		109		59-134	2		20
trans-1,4-Dichloro-2-butene	72		77		70-130	7		20
Methyl cyclohexane	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG630904-1 WG630904-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG632202-1 WG632202-2								
Methylene chloride	96		86		70-130	11		30
1,1-Dichloroethane	87		74		70-130	16		30
Chloroform	85		76		70-130	11		30
Carbon tetrachloride	89		**69**	Q	70-130	25		30
1,2-Dichloropropane	89		81		70-130	9		30
Dibromochloromethane	89		86		70-130	3		30
1,1,2-Trichloroethane	89		86		70-130	3		30
Tetrachloroethene	102		81		70-130	23		30
Chlorobenzene	94		83		70-130	12		30
Trichlorofluoromethane	**68**	Q	**51**	Q	70-139	29		30
1,2-Dichloroethane	74		72		70-130	3		30
1,1,1-Trichloroethane	86		**69**	Q	70-130	22		30
Bromodichloromethane	83		78		70-130	6		30
trans-1,3-Dichloropropene	88		84		70-130	5		30
cis-1,3-Dichloropropene	91		84		70-130	8		30
1,1-Dichloropropene	91		71		70-130	25		30
Bromoform	82		82		70-130	0		30
1,1,2,2-Tetrachloroethane	82		81		70-130	1		30
Benzene	94		80		70-130	16		30
Toluene	97		80		70-130	19		30
Ethylbenzene	95		80		70-130	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG632202-1 WG632202-2								
Chloromethane	81		64		52-130	23		30
Bromomethane	76		65		57-147	16		30
Vinyl chloride	77		**57**	Q	67-130	30		30
Chloroethane	61		**48**	Q	50-151	24		30
1,1-Dichloroethene	92		71		65-135	26		30
trans-1,2-Dichloroethene	92		75		70-130	20		30
Trichloroethene	91		75		70-130	19		30
1,2-Dichlorobenzene	91		86		70-130	6		30
1,3-Dichlorobenzene	94		86		70-130	9		30
1,4-Dichlorobenzene	92		85		70-130	8		30
Methyl tert butyl ether	83		82		66-130	1		30
p/m-Xylene	98		83		70-130	17		30
o-Xylene	95		83		70-130	13		30
cis-1,2-Dichloroethene	92		81		70-130	13		30
Dibromomethane	86		83		70-130	4		30
Styrene	92		83		70-130	10		30
Dichlorodifluoromethane	74		54		30-146	**31**	Q	30
Acetone	120		120		54-140	0		30
Carbon disulfide	90		69		59-130	26		30
2-Butanone	100		102		70-130	2		30
Vinyl acetate	85		82		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG632202-1 WG632202-2								
4-Methyl-2-pentanone	84		82		70-130	2		30
1,2,3-Trichloropropane	80		79		68-130	1		30
2-Hexanone	82		84		70-130	2		30
Bromochloromethane	94		89		70-130	5		30
2,2-Dichloropropane	91		72		70-130	23		30
1,2-Dibromoethane	88		85		70-130	3		30
1,3-Dichloropropane	90		87		69-130	3		30
1,1,1,2-Tetrachloroethane	89		81		70-130	9		30
Bromobenzene	91		85		70-130	7		30
n-Butylbenzene	91		75		70-130	19		30
sec-Butylbenzene	95		78		70-130	20		30
tert-Butylbenzene	95		79		70-130	18		30
o-Chlorotoluene	92		81		70-130	13		30
p-Chlorotoluene	92		81		70-130	13		30
1,2-Dibromo-3-chloropropane	72		90		68-130	22		30
Hexachlorobutadiene	99		79		67-130	22		30
Isopropylbenzene	95		79		70-130	18		30
p-Isopropyltoluene	97		81		70-130	18		30
Naphthalene	87		85		70-130	2		30
Acrylonitrile	88		86		70-130	2		30
n-Propylbenzene	91		76		70-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG632202-1 WG632202-2								
1,2,3-Trichlorobenzene	91		86		70-130	6		30
1,2,4-Trichlorobenzene	94		86		70-130	9		30
1,3,5-Trimethylbenzene	95		81		70-130	16		30
1,2,4-Trimethylbenzene	92		81		70-130	13		30
1,4-Dioxane	90		95		65-136	5		30
1,4-Diethylbenzene	94		80		70-130	16		30
4-Ethyltoluene	93		80		70-130	15		30
1,2,4,5-Tetramethylbenzene	91		82		70-130	10		30
Ethyl ether	**66**	Q	**65**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	70		72		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		82		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG632202-4 WG632202-5								
Methylene chloride	100		95		70-130	5		30
1,1-Dichloroethane	97		92		70-130	5		30
Chloroform	98		92		70-130	6		30
Carbon tetrachloride	104		98		70-130	6		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	105		100		70-130	5		30
1,1,2-Trichloroethane	105		99		70-130	6		30
Tetrachloroethene	114		106		70-130	7		30
Chlorobenzene	105		100		70-130	5		30
Trichlorofluoromethane	93		88		70-139	6		30
1,2-Dichloroethane	95		90		70-130	5		30
1,1,1-Trichloroethane	101		94		70-130	7		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	101		98		70-130	3		30
cis-1,3-Dichloropropene	94		89		70-130	5		30
1,1-Dichloropropene	100		94		70-130	6		30
Bromoform	105		102		70-130	3		30
1,1,2,2-Tetrachloroethane	104		99		70-130	5		30
Benzene	99		92		70-130	7		30
Toluene	118		102		70-130	15		30
Ethylbenzene	107		101		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG632202-4 WG632202-5								
Chloromethane	109		90		52-130	19		30
Bromomethane	101		93		57-147	8		30
Vinyl chloride	92		86		67-130	7		30
Chloroethane	100		90		50-151	11		30
1,1-Dichloroethene	100		94		65-135	6		30
trans-1,2-Dichloroethene	99		94		70-130	5		30
Trichloroethene	100		94		70-130	6		30
1,2-Dichlorobenzene	108		104		70-130	4		30
1,3-Dichlorobenzene	110		105		70-130	5		30
1,4-Dichlorobenzene	109		105		70-130	4		30
Methyl tert butyl ether	91		86		66-130	6		30
p/m-Xylene	108		102		70-130	6		30
o-Xylene	107		101		70-130	6		30
cis-1,2-Dichloroethene	96		92		70-130	4		30
Dibromomethane	94		90		70-130	4		30
Styrene	106		101		70-130	5		30
Dichlorodifluoromethane	82		78		30-146	5		30
Acetone	91		57		54-140	**46**	Q	30
Carbon disulfide	100		90		59-130	11		30
2-Butanone	90		74		70-130	20		30
Vinyl acetate	91		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG632202-4 WG632202-5								
4-Methyl-2-pentanone	89		84		70-130	6		30
1,2,3-Trichloropropane	102		99		68-130	3		30
2-Hexanone	85		78		70-130	9		30
Bromochloromethane	98		92		70-130	6		30
2,2-Dichloropropane	101		95		70-130	6		30
1,2-Dibromoethane	103		99		70-130	4		30
1,3-Dichloropropane	101		98		69-130	3		30
1,1,1,2-Tetrachloroethane	105		99		70-130	6		30
Bromobenzene	107		102		70-130	5		30
n-Butylbenzene	114		108		70-130	5		30
sec-Butylbenzene	112		106		70-130	6		30
tert-Butylbenzene	111		106		70-130	5		30
o-Chlorotoluene	111		106		70-130	5		30
p-Chlorotoluene	108		102		70-130	6		30
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Hexachlorobutadiene	111		106		67-130	5		30
Isopropylbenzene	109		103		70-130	6		30
p-Isopropyltoluene	112		107		70-130	5		30
Naphthalene	102		100		70-130	2		30
Acrylonitrile	94		88		70-130	7		30
Isopropyl Ether	92		88		66-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG632202-4 WG632202-5								
tert-Butyl Alcohol	97		87		70-130	11		30
n-Propylbenzene	110		104		70-130	6		30
1,2,3-Trichlorobenzene	107		104		70-130	3		30
1,2,4-Trichlorobenzene	109		105		70-130	4		30
1,3,5-Trimethylbenzene	111		104		70-130	7		30
1,2,4-Trimethylbenzene	111		105		70-130	6		30
Methyl Acetate	90		85		51-146	6		30
Ethyl Acetate	102		82		70-130	22		30
Acrolein	110		89		70-130	21		30
Cyclohexane	96		85		59-142	12		30
1,4-Dioxane	95		94		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		86		50-139	6		30
1,4-Diethylbenzene	112		107		70-130	5		30
4-Ethyltoluene	110		104		70-130	6		30
1,2,4,5-Tetramethylbenzene	110		105		70-130	5		30
Tetrahydrofuran	93		86		66-130	8		30
Ethyl ether	85		80		67-130	6		30
trans-1,4-Dichloro-2-butene	105		100		70-130	5		30
Methyl cyclohexane	95		85		70-130	11		30
Ethyl-Tert-Butyl-Ether	92		88		70-130	4		30
Tertiary-Amyl Methyl Ether	93		89		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG632202-4 WG632202-5								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		98		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG632304-1 WG632304-2								
Methylene chloride	100		95		70-130	5		30
1,1-Dichloroethane	97		92		70-130	5		30
Chloroform	98		92		70-130	6		30
Carbon tetrachloride	104		98		70-130	6		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	105		100		70-130	5		30
1,1,2-Trichloroethane	105		99		70-130	6		30
Tetrachloroethene	114		106		70-130	7		30
Chlorobenzene	105		100		70-130	5		30
Trichlorofluoromethane	93		88		70-139	6		30
1,2-Dichloroethane	95		90		70-130	5		30
1,1,1-Trichloroethane	101		94		70-130	7		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	101		98		70-130	3		30
cis-1,3-Dichloropropene	94		89		70-130	5		30
1,1-Dichloropropene	100		94		70-130	6		30
Bromoform	105		102		70-130	3		30
1,1,2,2-Tetrachloroethane	104		99		70-130	5		30
Benzene	99		92		70-130	7		30
Toluene	118		102		70-130	15		30
Ethylbenzene	107		101		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG632304-1 WG632304-2								
Chloromethane	109		90		52-130	19		30
Bromomethane	101		93		57-147	8		30
Vinyl chloride	92		86		67-130	7		30
Chloroethane	100		90		50-151	11		30
1,1-Dichloroethene	100		94		65-135	6		30
trans-1,2-Dichloroethene	99		94		70-130	5		30
Trichloroethene	100		94		70-130	6		30
1,2-Dichlorobenzene	108		104		70-130	4		30
1,3-Dichlorobenzene	110		105		70-130	5		30
1,4-Dichlorobenzene	109		105		70-130	4		30
Methyl tert butyl ether	91		86		66-130	6		30
p/m-Xylene	108		102		70-130	6		30
o-Xylene	107		101		70-130	6		30
cis-1,2-Dichloroethene	96		92		70-130	4		30
Dibromomethane	94		90		70-130	4		30
Styrene	106		101		70-130	5		30
Dichlorodifluoromethane	82		78		30-146	5		30
Acetone	91		57		54-140	**46**	Q	30
Carbon disulfide	100		90		59-130	11		30
2-Butanone	90		74		70-130	20		30
Vinyl acetate	91		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG632304-1 WG632304-2								
4-Methyl-2-pentanone	89		84		70-130	6		30
1,2,3-Trichloropropane	102		99		68-130	3		30
2-Hexanone	85		78		70-130	9		30
Bromochloromethane	98		92		70-130	6		30
2,2-Dichloropropane	101		95		70-130	6		30
1,2-Dibromoethane	103		99		70-130	4		30
1,3-Dichloropropane	101		98		69-130	3		30
1,1,1,2-Tetrachloroethane	105		99		70-130	6		30
Bromobenzene	107		102		70-130	5		30
n-Butylbenzene	114		108		70-130	5		30
sec-Butylbenzene	112		106		70-130	6		30
tert-Butylbenzene	111		106		70-130	5		30
o-Chlorotoluene	111		106		70-130	5		30
p-Chlorotoluene	108		102		70-130	6		30
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Hexachlorobutadiene	111		106		67-130	5		30
Isopropylbenzene	109		103		70-130	6		30
p-Isopropyltoluene	112		107		70-130	5		30
Naphthalene	102		100		70-130	2		30
Acrylonitrile	94		88		70-130	7		30
Isopropyl Ether	92		88		66-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG632304-1 WG632304-2								
tert-Butyl Alcohol	97		87		70-130	11		30
n-Propylbenzene	110		104		70-130	6		30
1,2,3-Trichlorobenzene	107		104		70-130	3		30
1,2,4-Trichlorobenzene	109		105		70-130	4		30
1,3,5-Trimethylbenzene	111		104		70-130	7		30
1,2,4-Trimethylbenzene	111		105		70-130	6		30
Methyl Acetate	90		85		51-146	6		30
Ethyl Acetate	102		82		70-130	22		30
Acrolein	110		89		70-130	21		30
Cyclohexane	96		85		59-142	12		30
1,4-Dioxane	95		94		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		86		50-139	6		30
1,4-Diethylbenzene	112		107		70-130	5		30
4-Ethyltoluene	110		104		70-130	6		30
1,2,4,5-Tetramethylbenzene	110		105		70-130	5		30
Tetrahydrofuran	93		86		66-130	8		30
Ethyl ether	85		80		67-130	6		30
trans-1,4-Dichloro-2-butene	105		100		70-130	5		30
Methyl cyclohexane	95		85		70-130	11		30
Ethyl-Tert-Butyl-Ether	92		88		70-130	4		30
Tertiary-Amyl Methyl Ether	93		89		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG632304-1 WG632304-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		98		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-01	Date Collected:	08/21/13 09:40
Client ID:	SB-6 (7-9)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 04:47		
Analyst:	RC		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	61.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	40.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01 Date Collected: 08/21/13 09:40

Client ID: SB-6 (7-9) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	49.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	50.	1
Dibenzofuran	ND		ug/kg	190	62.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	54.	1
2-Chlorophenol	ND		ug/kg	190	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	55.	1
2-Methylphenol	ND		ug/kg	190	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01 Date Collected: 08/21/13 09:40

Client ID: SB-6 (7-9) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	93		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-02	Date Collected:	08/21/13 09:45
Client ID:	SB-6 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 05:15		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	61.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	48.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	49.	1
Naphthalene	ND		ug/kg	180	62.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	49.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	46.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02 Date Collected: 08/21/13 09:45

Client ID: SB-6 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	41.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	62.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	58.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	54.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	890	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02 Date Collected: 08/21/13 09:45

Client ID: SB-6 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	66		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-03	Date Collected:	08/21/13 09:20
Client ID:	SB-7 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 05:42		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	51	J	ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	33.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	ND		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03 Date Collected: 08/21/13 09:20

Client ID: SB-7 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	41.	1
Pyrene	45	J	ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	61.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	57.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03 Date Collected: 08/21/13 09:20

Client ID: SB-7 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	63		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-04	Date Collected:	08/21/13 09:15
Client ID:	SB-7 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 06:09		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	61.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	48.	1
Fluoranthene	49	J	ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	49.	1
Naphthalene	ND		ug/kg	180	62.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	49.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	46.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04 Date Collected: 08/21/13 09:15

Client ID: SB-7 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	41.	1
Pyrene	44	J	ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	62.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	58.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	54.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	890	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04 Date Collected: 08/21/13 09:15

Client ID: SB-7 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	71		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-05	Date Collected:	08/21/13 08:20
Client ID:	SB-8 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 14:15		
Analyst:	RC		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	58.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	380		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	63.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	56.	1
Naphthalene	ND		ug/kg	210	69.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1
Benzo(a)anthracene	150		ug/kg	120	41.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05 Date Collected: 08/21/13 08:20

Client ID: SB-8 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	170		ug/kg	170	51.	1
Benzo(b)fluoranthene	190		ug/kg	120	42.	1
Benzo(k)fluoranthene	84	J	ug/kg	120	40.	1
Chrysene	150		ug/kg	120	41.	1
Acenaphthylene	ND		ug/kg	170	39.	1
Anthracene	67	J	ug/kg	120	35.	1
Benzo(ghi)perylene	160	J	ug/kg	170	43.	1
Fluorene	ND		ug/kg	210	60.	1
Phenanthrene	240		ug/kg	120	41.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	130	J	ug/kg	170	46.	1
Pyrene	330		ug/kg	120	41.	1
Biphenyl	ND		ug/kg	480	69.	1
4-Chloroaniline	ND		ug/kg	210	55.	1
2-Nitroaniline	ND		ug/kg	210	59.	1
3-Nitroaniline	ND		ug/kg	210	58.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	70.	1
2-Methylnaphthalene	ND		ug/kg	250	67.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1
Acetophenone	ND		ug/kg	210	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	63.	1
2,4-Dichlorophenol	ND		ug/kg	190	68.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	65.	1
4-Nitrophenol	ND		ug/kg	290	68.	1
2,4-Dinitrophenol	ND		ug/kg	1000	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	170	45.	1
Phenol	ND		ug/kg	210	62.	1
2-Methylphenol	ND		ug/kg	210	67.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	68.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	45.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05 Date Collected: 08/21/13 08:20

Client ID: SB-8 (6-8) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	60		18-120

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-06	Date Collected:	08/21/13 08:25
Client ID:	SB-8 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	08/23/13 00:45
Analytical Date:	08/30/13 14:43		
Analyst:	RC		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06 Date Collected: 08/21/13 08:25

Client ID: SB-8 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	41.	1

Project Name: 475 BAY STREET **Lab Number:** L1316298

Project Number: Not Specified **Report Date:** 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06 Date Collected: 08/21/13 08:25

Client ID: SB-8 (18-20) Date Received: 08/21/13

Sample Location: 475 BAY ST, SI, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	84		18-120

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/13 13:19
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/13 00:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG630982-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/13 13:19
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/13 00:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG630982-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/13 13:19
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 08/23/13 00:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG630982-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG630982-2 WG630982-3								
Acenaphthene	83		83		31-137	0		50
1,2,4-Trichlorobenzene	79		81		38-107	3		50
Hexachlorobenzene	95		96		40-140	1		50
Bis(2-chloroethyl)ether	71		69		40-140	3		50
2-Chloronaphthalene	79		82		40-140	4		50
1,2-Dichlorobenzene	78		76		40-140	3		50
1,3-Dichlorobenzene	76		73		40-140	4		50
1,4-Dichlorobenzene	76		75		28-104	1		50
3,3'-Dichlorobenzidine	68		69		40-140	1		50
2,4-Dinitrotoluene	85		87		28-89	2		50
2,6-Dinitrotoluene	83		84		40-140	1		50
Fluoranthene	87		90		40-140	3		50
4-Chlorophenyl phenyl ether	87		90		40-140	3		50
4-Bromophenyl phenyl ether	87		91		40-140	4		50
Bis(2-chloroisopropyl)ether	61		61		40-140	0		50
Bis(2-chloroethoxy)methane	71		70		40-117	1		50
Hexachlorobutadiene	78		79		40-140	1		50
Hexachlorocyclopentadiene	96		98		40-140	2		50
Hexachloroethane	70		69		40-140	1		50
Isophorone	68		69		40-140	1		50
Naphthalene	78		79		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG630982-2 WG630982-3								
Nitrobenzene	67		68		40-140	1		50
NitrosoDiPhenylAmine(NDPA)/DPA	85		86			1		50
n-Nitrosodi-n-propylamine	67		68		32-121	1		50
Bis(2-Ethylhexyl)phthalate	98		98		40-140	0		50
Butyl benzyl phthalate	84		87		40-140	4		50
Di-n-butylphthalate	90		93		40-140	3		50
Di-n-octylphthalate	101		104		40-140	3		50
Diethyl phthalate	86		89		40-140	3		50
Dimethyl phthalate	89		92		40-140	3		50
Benzo(a)anthracene	92		92		40-140	0		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	86		86		40-140	0		50
Benzo(k)fluoranthene	90		93		40-140	3		50
Chrysene	93		96		40-140	3		50
Acenaphthylene	81		85		40-140	5		50
Anthracene	91		97		40-140	6		50
Benzo(ghi)perylene	88		88		40-140	0		50
Fluorene	85		90		40-140	6		50
Phenanthrene	88		90		40-140	2		50
Dibenzo(a,h)anthracene	86		90		40-140	5		50
Indeno(1,2,3-cd)Pyrene	86		85		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG630982-2 WG630982-3								
Pyrene	88		90		35-142	2		50
Biphenyl	84		87			4		50
4-Chloroaniline	53		57		40-140	7		50
2-Nitroaniline	86		89		47-134	3		50
3-Nitroaniline	43		47		26-129	9		50
4-Nitroaniline	73		75		41-125	3		50
Dibenzofuran	89		88		40-140	1		50
2-Methylnaphthalene	79		82		40-140	4		50
1,2,4,5-Tetrachlorobenzene	86		87		40-117	1		50
Acetophenone	76		78		14-144	3		50
2,4,6-Trichlorophenol	88		92		30-130	4		50
P-Chloro-M-Cresol	79		83		26-103	5		50
2-Chlorophenol	79		81		25-102	3		50
2,4-Dichlorophenol	85		87		30-130	2		50
2,4-Dimethylphenol	81		81		30-130	0		50
2-Nitrophenol	79		79		30-130	0		50
4-Nitrophenol	68		71		11-114	4		50
2,4-Dinitrophenol	76		80		4-130	5		50
4,6-Dinitro-o-cresol	90		91		10-130	1		50
Pentachlorophenol	94		97		17-109	3		50
Phenol	78		78		26-90	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG630982-2 WG630982-3								
2-Methylphenol	82		84		30-130.	2		50
3-Methylphenol/4-Methylphenol	86		85		30-130	1		50
2,4,5-Trichlorophenol	93		95		30-130	2		50
Benzoic Acid	55		59			7		50
Benzyl Alcohol	72		74		40-140	3		50
Carbazole	86		88		54-128	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		77		25-120
Phenol-d6	82		78		10-120
Nitrobenzene-d5	70		66		23-120
2-Fluorobiphenyl	81		80		30-120
2,4,6-Tribromophenol	109		109		0-136
4-Terphenyl-d14	87		87		18-120

PCBS

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-01	Date Collected:	08/21/13 09:40
Client ID:	SB-6 (7-9)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 18:36	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	7.32	1	A
Aroclor 1221	ND		ug/kg	37.1	11.2	1	A
Aroclor 1232	ND		ug/kg	37.1	7.87	1	A
Aroclor 1242	ND		ug/kg	37.1	7.03	1	A
Aroclor 1248	ND		ug/kg	37.1	4.48	1	A
Aroclor 1254	ND		ug/kg	37.1	5.84	1	A
Aroclor 1260	ND		ug/kg	37.1	6.43	1	A
Aroclor 1262	ND		ug/kg	37.1	2.74	1	A
Aroclor 1268	ND		ug/kg	37.1	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-02	Date Collected:	08/21/13 09:45
Client ID:	SB-6 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 18:49	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	7.22	1	A
Aroclor 1221	ND		ug/kg	36.6	11.0	1	A
Aroclor 1232	ND		ug/kg	36.6	7.77	1	A
Aroclor 1242	ND		ug/kg	36.6	6.94	1	A
Aroclor 1248	ND		ug/kg	36.6	4.42	1	A
Aroclor 1254	ND		ug/kg	36.6	5.76	1	A
Aroclor 1260	ND		ug/kg	36.6	6.35	1	A
Aroclor 1262	ND		ug/kg	36.6	2.70	1	A
Aroclor 1268	ND		ug/kg	36.6	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-03	Date Collected:	08/21/13 09:20
Client ID:	SB-7 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 19:02	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	7.36	1	A
Aroclor 1221	ND		ug/kg	37.3	11.2	1	A
Aroclor 1232	ND		ug/kg	37.3	7.92	1	A
Aroclor 1242	ND		ug/kg	37.3	7.08	1	A
Aroclor 1248	ND		ug/kg	37.3	4.51	1	A
Aroclor 1254	ND		ug/kg	37.3	5.88	1	A
Aroclor 1260	ND		ug/kg	37.3	6.47	1	A
Aroclor 1262	ND		ug/kg	37.3	2.76	1	A
Aroclor 1268	ND		ug/kg	37.3	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-04	Date Collected:	08/21/13 09:15
Client ID:	SB-7 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 19:16	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	7.35	1	A
Aroclor 1221	ND		ug/kg	37.2	11.2	1	A
Aroclor 1232	ND		ug/kg	37.2	7.91	1	A
Aroclor 1242	ND		ug/kg	37.2	7.06	1	A
Aroclor 1248	ND		ug/kg	37.2	4.50	1	A
Aroclor 1254	ND		ug/kg	37.2	5.87	1	A
Aroclor 1260	ND		ug/kg	37.2	6.46	1	A
Aroclor 1262	ND		ug/kg	37.2	2.75	1	A
Aroclor 1268	ND		ug/kg	37.2	5.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-05	Date Collected:	08/21/13 08:20
Client ID:	SB-8 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 19:29	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	78%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.8	8.06	1	A
Aroclor 1221	ND		ug/kg	40.8	12.3	1	A
Aroclor 1232	ND		ug/kg	40.8	8.67	1	A
Aroclor 1242	ND		ug/kg	40.8	7.75	1	A
Aroclor 1248	ND		ug/kg	40.8	4.94	1	A
Aroclor 1254	ND		ug/kg	40.8	6.44	1	A
Aroclor 1260	ND		ug/kg	40.8	7.09	1	A
Aroclor 1262	ND		ug/kg	40.8	3.02	1	A
Aroclor 1268	ND		ug/kg	40.8	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-06	Date Collected:	08/21/13 08:25
Client ID:	SB-8 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	08/23/13 01:52
Analytical Date:	08/23/13 19:42	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	08/23/13
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	7.15	1	A
Aroclor 1221	ND		ug/kg	36.2	10.9	1	A
Aroclor 1232	ND		ug/kg	36.2	7.69	1	A
Aroclor 1242	ND		ug/kg	36.2	6.87	1	A
Aroclor 1248	ND		ug/kg	36.2	4.38	1	A
Aroclor 1254	ND		ug/kg	36.2	5.71	1	A
Aroclor 1260	ND		ug/kg	36.2	6.29	1	A
Aroclor 1262	ND		ug/kg	36.2	2.68	1	A
Aroclor 1268	ND		ug/kg	36.2	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/23/13 21:01
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 08/23/13 01:52
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/23/13
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG630995-1						
Aroclor 1016	ND		ug/kg	31.9	6.30	A
Aroclor 1221	ND		ug/kg	31.9	9.63	A
Aroclor 1232	ND		ug/kg	31.9	6.78	A
Aroclor 1242	ND		ug/kg	31.9	6.06	A
Aroclor 1248	ND		ug/kg	31.9	3.86	A
Aroclor 1254	ND		ug/kg	31.9	5.03	A
Aroclor 1260	ND		ug/kg	31.9	5.54	A
Aroclor 1262	ND		ug/kg	31.9	2.36	A
Aroclor 1268	ND		ug/kg	31.9	4.63	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG630995-2 WG630995-3									
Aroclor 1016	66		75		40-140	13		50	A
Aroclor 1260	69		79		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		78		30-150	A
Decachlorobiphenyl	91		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		79		30-150	B
Decachlorobiphenyl	84		89		30-150	B

PESTICIDES

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-01	Date Collected:	08/21/13 09:40
Client ID:	SB-6 (7-9)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 19:34	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.658	1	A
Heptachlor	ND		ug/kg	0.867	0.389	1	A
Aldrin	ND		ug/kg	1.73	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.976	1	A
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.73	0.401	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	3.25	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.410	1	A
Endosulfan II	ND		ug/kg	1.73	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.330	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.10	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.1	5.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-02	Date Collected:	08/21/13 09:45
Client ID:	SB-6 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 19:46	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.338	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.310	1	A
Endrin ketone	ND		ug/kg	1.81	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.647	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.606	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.345	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.52	1	A
cis-Chlordane	ND		ug/kg	2.27	0.632	1	A
trans-Chlordane	ND		ug/kg	2.27	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-03	Date Collected:	08/21/13 09:20
Client ID:	SB-7 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 19:59	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.331	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.1	5.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-04	Date Collected:	08/21/13 09:15
Client ID:	SB-7 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 20:12	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.337	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.4	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	136		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-05 D	Date Collected:	08/21/13 08:20
Client ID:	SB-8 (6-8)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/28/13 08:00	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	40.6	7.94	20	A
Lindane	ND		ug/kg	16.9	7.56	20	A
Alpha-BHC	ND		ug/kg	16.9	4.80	20	A
Beta-BHC	ND		ug/kg	40.6	15.4	20	A
Heptachlor	ND		ug/kg	20.3	9.09	20	A
Aldrin	ND		ug/kg	40.6	14.3	20	A
Heptachlor epoxide	ND		ug/kg	76.1	22.8	20	A
Endrin	ND		ug/kg	16.9	6.93	20	A
Endrin ketone	ND		ug/kg	40.6	10.4	20	A
Dieldrin	ND		ug/kg	25.4	12.7	20	A
4,4'-DDE	ND		ug/kg	40.6	9.38	20	A
4,4'-DDD	ND		ug/kg	40.6	14.5	20	A
4,4'-DDT	ND		ug/kg	76.1	32.6	20	A
Endosulfan I	ND		ug/kg	40.6	9.58	20	A
Endosulfan II	ND		ug/kg	40.6	13.6	20	A
Endosulfan sulfate	ND		ug/kg	16.9	7.72	20	A
Methoxychlor	ND		ug/kg	76.1	23.7	20	A
Toxaphene	ND		ug/kg	761	213.	20	A
cis-Chlordane	ND		ug/kg	50.7	14.1	20	A
trans-Chlordane	ND		ug/kg	50.7	13.4	20	A
Chlordane	ND		ug/kg	330	134.	20	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 475 BAY STREET
Lab Number: L1316298
Project Number: Not Specified
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID:	L1316298-06	Date Collected:	08/21/13 08:25
Client ID:	SB-8 (18-20)	Date Received:	08/21/13
Sample Location:	475 BAY ST, SI, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	08/22/13 16:33
Analytical Date:	08/23/13 20:37	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	08/23/13
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin ketone	ND		ug/kg	1.80	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.644	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.344	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.47	1	A
cis-Chlordane	ND		ug/kg	2.26	0.628	1	A
trans-Chlordane	ND		ug/kg	2.26	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/23/13 17:13
Analyst: SH

Extraction Method: EPA 3546
Extraction Date: 08/22/13 16:33
Cleanup Method1: EPA 3620B
Cleanup Date1: 08/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG630920-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.985	0.492	A
4,4'-DDE	ND		ug/kg	1.58	0.364	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	2.95	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.300	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	12.8	5.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG630920-2 WG630920-3									
Delta-BHC	71		84		30-150	17		30	A
Lindane	76		90		30-150	17		30	A
Alpha-BHC	79		94		30-150	17		30	A
Beta-BHC	76		89		30-150	16		30	A
Heptachlor	96		117		30-150	20		30	A
Aldrin	88		104		30-150	17		30	A
Heptachlor epoxide	99		120		30-150	19		30	A
Endrin	99		120		30-150	19		30	A
Endrin ketone	78		94		30-150	19		30	A
Dieldrin	90		109		30-150	19		30	A
4,4'-DDE	84		102		30-150	19		30	A
4,4'-DDD	92		111		30-150	19		30	A
4,4'-DDT	85		104		30-150	20		30	A
Endosulfan I	89		107		30-150	18		30	A
Endosulfan II	91		108		30-150	17		30	A
Endosulfan sulfate	74		88		30-150	17		30	A
Methoxychlor	88		109		30-150	21		30	A
cis-Chlordane	87		104		30-150	18		30	A
trans-Chlordane	86		102		30-150	17		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG630920-2 WG630920-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		79		30-150	A
Decachlorobiphenyl	124		139		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		68		30-150	B
Decachlorobiphenyl	104		117		30-150	B

METALS

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01
Client ID: SB-6 (7-9)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 08/21/13 09:40
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5500		mg/kg	8.7	1.7	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.70	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Arsenic, Total	2.6		mg/kg	0.87	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Barium, Total	43		mg/kg	0.87	0.26	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Beryllium, Total	0.36	J	mg/kg	0.44	0.09	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Cadmium, Total	0.41	J	mg/kg	0.87	0.06	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Calcium, Total	1300		mg/kg	8.7	2.6	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Chromium, Total	21		mg/kg	0.87	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Cobalt, Total	12		mg/kg	1.7	0.44	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Copper, Total	32		mg/kg	0.87	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Iron, Total	14000		mg/kg	4.4	1.7	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Lead, Total	12		mg/kg	4.4	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Magnesium, Total	5500		mg/kg	8.7	0.87	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Manganese, Total	230		mg/kg	0.87	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 13:09	EPA 7471B	1,7471B	MC
Nickel, Total	120		mg/kg	2.2	0.35	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Potassium, Total	1300		mg/kg	220	35.	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.7	0.26	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.87	0.17	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Sodium, Total	110	J	mg/kg	170	26.	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.35	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Vanadium, Total	24		mg/kg	0.87	0.09	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG
Zinc, Total	32		mg/kg	4.4	0.61	2	08/23/13 14:10	08/27/13 10:12	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02
Client ID: SB-6 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 08/21/13 09:45
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3700		mg/kg	8.9	1.8	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.71	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Arsenic, Total	1.3		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Barium, Total	28		mg/kg	0.89	0.27	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Beryllium, Total	0.24	J	mg/kg	0.44	0.09	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Cadmium, Total	0.28	J	mg/kg	0.89	0.06	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Calcium, Total	680		mg/kg	8.9	2.7	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Cobalt, Total	6.2		mg/kg	1.8	0.44	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Copper, Total	23		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Iron, Total	9800		mg/kg	4.4	1.8	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Lead, Total	5.7		mg/kg	4.4	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Magnesium, Total	2800		mg/kg	8.9	0.89	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Manganese, Total	200		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.02	1	08/23/13 08:26	08/23/13 13:11	EPA 7471B	1,7471B	MC
Nickel, Total	69		mg/kg	2.2	0.36	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Potassium, Total	520		mg/kg	220	36.	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.27	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Sodium, Total	57	J	mg/kg	180	27.	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.36	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Vanadium, Total	16		mg/kg	0.89	0.09	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG
Zinc, Total	19		mg/kg	4.4	0.62	2	08/23/13 14:10	08/27/13 10:48	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03
Client ID: SB-7 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 08/21/13 09:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4200		mg/kg	8.9	1.8	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Antimony, Total	3.4	J	mg/kg	4.4	0.71	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Arsenic, Total	2.6		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Barium, Total	41		mg/kg	0.89	0.27	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Beryllium, Total	0.29	J	mg/kg	0.44	0.09	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Cadmium, Total	0.53	J	mg/kg	0.89	0.06	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Calcium, Total	3200		mg/kg	8.9	2.7	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Chromium, Total	22		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Cobalt, Total	17		mg/kg	1.8	0.44	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Copper, Total	42		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Iron, Total	17000		mg/kg	4.4	1.8	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Lead, Total	41		mg/kg	4.4	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Magnesium, Total	23000		mg/kg	8.9	0.89	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Manganese, Total	360		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	08/23/13 08:26	08/23/13 13:17	EPA 7471B	1,7471B	MC
Nickel, Total	360		mg/kg	2.2	0.36	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Potassium, Total	1000		mg/kg	220	36.	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.27	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.89	0.18	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Sodium, Total	100	J	mg/kg	180	27.	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.36	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Vanadium, Total	20		mg/kg	0.89	0.09	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG
Zinc, Total	48		mg/kg	4.4	0.62	2	08/23/13 14:10	08/27/13 10:51	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04
Client ID: SB-7 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 08/21/13 09:15
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2800		mg/kg	8.8	1.8	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.4	0.70	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Arsenic, Total	1.4		mg/kg	0.88	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Barium, Total	22		mg/kg	0.88	0.26	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Beryllium, Total	0.23	J	mg/kg	0.44	0.09	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Cadmium, Total	0.26	J	mg/kg	0.88	0.06	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Calcium, Total	840		mg/kg	8.8	2.6	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Chromium, Total	16		mg/kg	0.88	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Cobalt, Total	7.1		mg/kg	1.8	0.44	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Copper, Total	19		mg/kg	0.88	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Iron, Total	9800		mg/kg	4.4	1.8	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Lead, Total	6.3		mg/kg	4.4	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Magnesium, Total	4400		mg/kg	8.8	0.88	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Manganese, Total	380		mg/kg	0.88	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 13:18	EPA 7471B	1,7471B	MC
Nickel, Total	110		mg/kg	2.2	0.35	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Potassium, Total	440		mg/kg	220	35.	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.26	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Sodium, Total	100	J	mg/kg	180	26.	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.35	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Vanadium, Total	14		mg/kg	0.88	0.09	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG
Zinc, Total	17		mg/kg	4.4	0.61	2	08/23/13 14:10	08/27/13 10:55	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05
Client ID: SB-8 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 78%

Date Collected: 08/21/13 08:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	10	2.0	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	5.0	0.80	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Arsenic, Total	5.9		mg/kg	1.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Barium, Total	160		mg/kg	1.0	0.30	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Beryllium, Total	0.35	J	mg/kg	0.50	0.10	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Cadmium, Total	0.76	J	mg/kg	1.0	0.07	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Calcium, Total	2300		mg/kg	10	3.0	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Chromium, Total	30		mg/kg	1.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Cobalt, Total	23		mg/kg	2.0	0.50	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Copper, Total	55		mg/kg	1.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Iron, Total	17000		mg/kg	5.0	2.0	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Lead, Total	380		mg/kg	5.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Magnesium, Total	13000		mg/kg	10	1.0	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Manganese, Total	340		mg/kg	1.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Mercury, Total	0.19		mg/kg	0.10	0.02	1	08/23/13 08:26	08/23/13 13:20	EPA 7471B	1,7471B	MC
Nickel, Total	310		mg/kg	2.5	0.40	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Potassium, Total	630		mg/kg	250	40.	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Selenium, Total	1.0	J	mg/kg	2.0	0.30	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	1.0	0.20	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Sodium, Total	370		mg/kg	200	30.	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.0	0.40	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Vanadium, Total	18		mg/kg	1.0	0.10	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG
Zinc, Total	180		mg/kg	5.0	0.70	2	08/23/13 14:10	08/27/13 10:58	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06
Client ID: SB-8 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 08/21/13 08:25
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4800		mg/kg	9.0	1.8	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.5	0.72	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Arsenic, Total	1.7		mg/kg	0.90	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Barium, Total	41		mg/kg	0.90	0.27	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Beryllium, Total	0.36	J	mg/kg	0.45	0.09	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Cadmium, Total	0.44	J	mg/kg	0.90	0.06	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Calcium, Total	1500		mg/kg	9.0	2.7	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.90	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Cobalt, Total	12		mg/kg	1.8	0.45	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Copper, Total	55		mg/kg	0.90	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Iron, Total	17000		mg/kg	4.5	1.8	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Lead, Total	9.0		mg/kg	4.5	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Magnesium, Total	3400		mg/kg	9.0	0.90	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Manganese, Total	310		mg/kg	0.90	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/26/13 09:15	08/26/13 11:31	EPA 7471B	1,7471B	MC
Nickel, Total	97		mg/kg	2.2	0.36	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Potassium, Total	580		mg/kg	220	36.	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.27	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.90	0.18	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Sodium, Total	270		mg/kg	180	27.	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.36	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Vanadium, Total	34		mg/kg	0.90	0.09	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG
Zinc, Total	32		mg/kg	4.5	0.63	2	08/23/13 14:10	08/27/13 11:02	EPA 3050B	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG630742-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/23/13 08:26	08/23/13 12:12	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 06 Batch: WG631116-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/26/13 09:15	08/26/13 11:15	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-06 Batch: WG631173-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.32	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.04	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	1.2	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.80	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	0.40	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Potassium, Total	ND		mg/kg	100	16.	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG

Project Name: 475 BAY STREET
Project Number: Not Specified
Lab Number: L1316298
Report Date: 08/30/13

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND	mg/kg	0.80	0.12	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Silver, Total	ND	mg/kg	0.40	0.08	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Sodium, Total	ND	mg/kg	80	12.	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Thallium, Total	ND	mg/kg	0.80	0.16	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Vanadium, Total	ND	mg/kg	0.40	0.04	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG
Zinc, Total	ND	mg/kg	2.0	0.28	1	08/23/13 14:10	08/27/13 10:05	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG630742-2 SRM Lot Number: 0518-10-02								
Mercury, Total	98		-		67-133	-		
Total Metals - Westborough Lab Associated sample(s): 06 Batch: WG631116-2 SRM Lot Number: 0518-10-02								
Mercury, Total	108		-		67-133	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG631173-2 SRM Lot Number: 0518-10-02					
Aluminum, Total	82	-	29-171	-	
Antimony, Total	117	-	4-196	-	
Arsenic, Total	104	-	81-119	-	
Barium, Total	96	-	83-118	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Calcium, Total	89	-	83-117	-	
Chromium, Total	97	-	80-119	-	
Cobalt, Total	98	-	83-117	-	
Copper, Total	101	-	83-117	-	
Iron, Total	94	-	51-150	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	92	-	74-126	-	
Manganese, Total	100	-	83-117	-	
Nickel, Total	99	-	82-117	-	
Potassium, Total	91	-	74-126	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	102	-	66-134	-	
Sodium, Total	95	-	74-127	-	
Thallium, Total	101	-	79-120	-	
Vanadium, Total	98	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 475 BAY STREET

Project Number: Not Specified

Lab Number: L1316298

Report Date: 08/30/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG631173-2 SRM Lot Number: 0518-10-02					
Zinc, Total	94	-	82-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG630742-4 QC Sample: L1316206-04 Client ID: MS Sample												
Mercury, Total	ND	0.195	0.18	92		-	-		70-130	-		35
Total Metals - Westborough Lab Associated sample(s): 06 QC Batch ID: WG631116-4 QC Sample: L1316217-01 Client ID: MS Sample												
Mercury, Total	0.02J	0.187	0.23	123		-	-		70-130	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG631173-4 QC Sample: L1316298-01 Client ID: SB-6 (7-9)										
Aluminum, Total	5500	179	5100	**0**	Q	-	-	75-125	-	35
Antimony, Total	ND	44.8	36	80		-	-	75-125	-	35
Arsenic, Total	2.6	10.8	13	97		-	-	75-125	-	35
Barium, Total	43.	179	200	88		-	-	75-125	-	35
Beryllium, Total	0.36J	4.48	4.4	98		-	-	75-125	-	35
Cadmium, Total	0.41J	4.57	4.5	98		-	-	75-125	-	35
Calcium, Total	1300	897	2000	78		-	-	75-125	-	35
Chromium, Total	21.	17.9	34	**72**	Q	-	-	75-125	-	35
Cobalt, Total	12.	44.8	48	80		-	-	75-125	-	35
Copper, Total	32.	22.4	48	**71**	Q	-	-	75-125	-	35
Iron, Total	14000	89.7	12000	**0**	Q	-	-	75-125	-	35
Lead, Total	12.	45.7	47	76		-	-	75-125	-	35
Magnesium, Total	5500	897	5400	**0**	Q	-	-	75-125	-	35
Manganese, Total	230	44.8	260	**67**	Q	-	-	75-125	-	35
Nickel, Total	120	44.8	140	**45**	Q	-	-	75-125	-	35
Potassium, Total	1300	897	1600	**33**	Q	-	-	75-125	-	35
Selenium, Total	ND	10.8	9.6	89		-	-	75-125	-	35
Silver, Total	ND	26.9	25	93		-	-	75-125	-	35
Sodium, Total	110J	897	870	97		-	-	75-125	-	35
Thallium, Total	ND	10.8	9.0	84		-	-	75-125	-	35
Vanadium, Total	24.	44.8	61	82		-	-	75-125	-	35

Matrix Spike Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG631173-4 QC Sample: L1316298-01 Client ID: SB-6 (7-9)										
Zinc, Total	32.	44.8	65	**74**	Q	-	-	75-125	-	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG630742-3 QC Sample: L1316206-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		35
Total Metals - Westborough Lab Associated sample(s): 06 QC Batch ID: WG631116-3 QC Sample: L1316217-01 Client ID: DUP Sample						
Mercury, Total	0.02J	0.02J	mg/kg	NC		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG631173-3 QC Sample: L1316298-01 Client ID: SB-6 (7-9)						
Aluminum, Total	5500	4800	mg/kg	14		35
Antimony, Total	ND	ND	mg/kg	NC		35
Arsenic, Total	2.6	3.0	mg/kg	14		35
Barium, Total	43.	42	mg/kg	2		35
Beryllium, Total	0.36J	0.29J	mg/kg	NC		35
Cadmium, Total	0.41J	0.37J	mg/kg	NC		35
Calcium, Total	1300	1200	mg/kg	8		35
Chromium, Total	21.	19	mg/kg	10		35
Cobalt, Total	12.	10	mg/kg	18		35
Copper, Total	32.	28	mg/kg	13		35
Iron, Total	14000	13000	mg/kg	7		35
Lead, Total	12.	8.3	mg/kg	**36**	Q	35
Magnesium, Total	5500	5300	mg/kg	4		35
Manganese, Total	230	230	mg/kg	0		35
Nickel, Total	120	130	mg/kg	8		35
Potassium, Total	1300	960	mg/kg	30		35
Selenium, Total	ND	ND	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	110J	150J	mg/kg	NC		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG631173-3 QC Sample: L1316298-01 Client ID: SB-6 (7-9)					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	24.	20	mg/kg	18	35
Zinc, Total	32.	28	mg/kg	13	35

INORGANICS
&
MISCELLANEOUS

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-01
Client ID: SB-6 (7-9)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 09:40
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-02
Client ID: SB-6 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 09:45
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-03
Client ID: SB-7 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 09:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-04
Client ID: SB-7 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 09:15
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-05
Client ID: SB-8 (6-8)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 08:20
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.1		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

SAMPLE RESULTS

Lab ID: L1316298-06
Client ID: SB-8 (18-20)
Sample Location: 475 BAY ST, SI, NY
Matrix: Soil

Date Collected: 08/21/13 08:25
Date Received: 08/21/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	08/23/13 00:14	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG630978-1 QC Sample: L1316298-01 Client ID: SB-6 (7-9)						
Solids, Total	87.2	88.2	%	1		20

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316298-01A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-01B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-02A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-02B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-03A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-03B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-04A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 475 BAY STREET
Project Number: Not Specified

Lab Number: L1316298
Report Date: 08/30/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1316298-04B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-05A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-05B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-06A	Vial Large unpreserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-06B	Amber 500ml unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1316298-07A	Vial HCl preserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1316298-07B	Vial HCl preserved	A	N/A	4.5	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	475 BAY STREET	**Lab Number:**	L1316298
Project Number:	Not Specified	**Report Date:**	08/30/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with "J" Qualifiers

Project Name:	475 BAY STREET	**Lab Number:**	L1316298
Project Number:	Not Specified	**Report Date:**	08/30/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

Project Name:	475 BAY STREET	**Lab Number:**	L1316298
Project Number:	Not Specified	**Report Date:**	08/30/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 29, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 8/21/13

ALPHA Job #: L1316298

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: akrf, inc
Address: 440 Park Ave S. NY NY 10016
Phone: 610 405 2847
Fax:
Email: dshapiro@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 475 Bay Street
Project Location: 475 Bay St, SI, NY
Project #:
Project Manager: d. Shapiro
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/28/13 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOC, SVOC, PCB, Pesticides, TAL Metals

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☑ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	PCB	Pesticides	TAL Metals	Sample Specific Comments	TOTAL # BOTTLES
16298 -01	SB-6 (7-9)	8/21/13	0940	S	aj	X	X	X	X	X		
-02	SB-6 (18-20)	↓	0945	S	aj	X	X	X	X	X		
-03	SB-7 (6-8)	↓	0920	S	aj	X	X	X	X	X		
-04	SB-7 (18-20)	↓	0915	S	aj	X	X	X	X	X		
-05	SB-8 (6-8)	↓	0820	S	aj	X	X	X	X	X		
-06	SB-8 (18-20)	↓	0825	S	aj	X	X	X	X	X		
-07	TB		—	aq	—	X						

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
amy jordan	8/21/13 1230	[signature]	8/21/13 12:50
[signature]	8/21/13 18:35	[signature]	8/21/13 18:35
[signature]	8/21/13 23:55	[signature]	8/21/13 23:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)