WCD GROUP
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February 2, 2014

Mr. Peter Karellas
Senior Vice President Underwriting
SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Re: Phase II Environmental Site Investigation Report
1640 Flatbush Avenue, Brooklyn, NY 11210
(a.k.a., 3201-3211 Aurelia Court/1652 Flatbush Avenue)
Block 7577, Lot 60
WCD Project No. 14-7233

Dear Mr. Karellas:

At the request of SL Green Realty Corp., WCD Group, LLC (WCD) conducted a Phase II Environmental Site Investigation (ESI) of the property located at 1640 Flatbush Avenue, Brooklyn, NY (hereafter referred to as the "Site"). Figure 1 presents a Site Location Map. The primary objective of the Phase II ESI was to evaluate the recognized environmental conditions (RECs) and Vapor Encroachment Conditions (VECs) identified in a previous Phase I Environmental Site Assessment (ESA) Report prepared by WCD dated August 29, 2014.

SITE DESCRIPTION

The Site is located at 1640 Flatbush Avenue, Brooklyn, Kings County, New York 11210 and is defined as Tax Block 7577, Lot 60 in the Borough of Brooklyn. The Site consists of an approximately 17,985-square foot triangular-shaped lot improved by a gasoline filling station and a one-story convenience store. The building occupies a footprint of approximately 1,000-square feet in the center of the lot. Surrounding the building are four (4) pump islands covered by a canopy. Based on review of Sanborn® fire insurance rate maps, the existing on-site building was constructed in 1993. The Site was historically occupied by several structures from at least 1930 including an automotive repair shop, 70 car parking garage, drycleaners, metal working shop and store. The New York City Department of City Planning (NYCDCP) zoning map indicates the Site is designated as zone C8-2, which is designated for commercial use.

BACKGROUND

The Phase I ESA prepared by WCD dated August 29, 2010 identified on-site RECs/VECs associated with the current use of the Site as a gasoline filling station and presence of five (5) on-site active 4,000-gallon gasoline underground storage tanks (USTs) and historic presence of twelve (12) additional USTs registered at the Site, the potential presence of fill material from demolition of historic on-Site structures, the historic use of the Site for metal working, drycleaner operations, and garage and filling station with USTs. The Phase I ESA also identified on-site Historical Recognized Environmental Conditions (HRECs) associated with the presence of four (4) on-site petroleum spills registered as closed with the New York State Department of Environmental Conservation (NYSDEC). A prior environmental investigation performed at the Site in 2010 identified elevated concentrations of the volatile organic compound (VOC) methyl-tert-butyl-ether (MTBE) in on-site groundwater. The documented elevated concentration of the petroleum-related VOC in on-site groundwater was considered a REC.

Off-site RECs identified by the Phase I ESA include the historic use of properties located in close proximity to the Site for automobile repair and gasoline filling stations and freight yard. A review of the regulatory agency database indicated the nearby presence of New York Spills sites with documented soil

impacts and the presence of underground fuel oil storage tanks.

The primary objective of the Phase II Environmental Site Investigation was to evaluate the condition of subsurface soils, soil vapor and groundwater at the Site and determine if the historic and current use of the Site has impacted the environmental integrity of the Site. To accomplish these objectives, WCD performed a geophysical survey and installed soil borings and temporary groundwater monitoring wells and collected soil, groundwater and soil vapor for laboratory analysis.

DESCRIPTION OF PHASE II ESI FIELD ACTIVITIES

The Phase II ESI field activities were performed from December 3 to 5, 2014 and consisted of the following:

- Performance of a Geophysical Survey to clear proposed boring locations for the presence of underground utilities and subsurface structures. Additionally, the entire Site, including adjoining sidewalks, was surveyed for potential underground structures (i.e., building foundations and underground storage tanks;

- Advancement of four (4) soil borings; and continuous soil sampling to a maximum depth of approximately 35 feet below grade surface (bgs) and selection for laboratory analysis of eleven (11) discrete samples for laboratory analysis;

- Installation of three (3) temporary groundwater monitoring wells and the collection of three (3) groundwater samples for laboratory analysis; and

- Installation of three (3) temporary soil vapor sample points and collection and laboratory analysis of three (3) soil gas samples for laboratory analysis.

A Site Plan showing all the sampling locations, Site features, tax block and lot number, and anticipated groundwater flow direction is provided as Figure 2. Representative photographs of the field investigation activities are included in Attachment B.

The scope of the field activities and methods are described below.

Geophysical Survey

A geophysical survey was performed on December 4, 2014 by NOVA Geophysical Services of Forest Hills, New York to verify that the proposed sample locations were clear of subsurface structures and utilities, and to evaluate whether underground structures (e.g., tanks) may be present on the Site. The geophysical survey equipment consisted of a CSUL Pipe and Cable Locator (a magnetic detector), a Ditch-Witch™ utility locator, and NOGGIN's™ 250 MHz ground-penetrating radar (GPR) unit. Surveyed areas included the areas surrounding the sample locations shown on Figure 2 and other accessible areas of the Site. Sample locations were established in areas that did not conflict with subsurface structures or utilities. The geophysical survey report is presented as Attachment F.

Subsurface Soil Investigation

A soil sampling program was conducted as part of the Phase II ESI. Soil samples were collected to assess the current environmental conditions and to preliminarily characterize subsurface soil at the Site. Figure 1 shows the locations of the geotechnical borings advanced at the Site. Four (4) soil borings were completed and eleven (11) soil samples were selected and submitted for laboratory analysis. Soil sampling was conducted in accordance with the procedures set forth in the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10).

The subsurface soil sampling was completed on December 4 and 5, 2014. Aquifer Drilling & Testing, Inc. ("ADT") was retained as a subcontractor by WCD for drilling services. Direct push methods, utilizing a track-mounted direct drive geoprobe, were used to retrieve soil samples from the four (4) boring locations. Soil samples were collected continuously from ground surface to a maximum depth of 35 feet btos in 5-foot long, 2-inch diameter split spoon samplers. A description of the soils retained in each sample core was logged by WCD's on-site environmental scientist and the soils were screened in the field for the presence of volatile organic compounds (VOCs) with a PID. The soil boring logs are presented in Attachment C. Upon completion of each boring the boreholes were backfilled with drill cuttings and restored with asphalt cold patch.

During the drilling program, evidence of contamination was observed in soil borings WCD-SB-01 and WCD-SB-02 consisting of elevated PID readings (max 883 ppm), visual and olfactory indications of petroleum in WCD-SB-01 from 29 to 35 feet bgs and WCD-SB-02 from 28 to 34. No of contamination was not observed at WCD-SB-03 or WCD-SB-04. In general, fill material consisting of red/brown/gray sand, silt, gravel, red brick, concrete, and ash was encountered to a maximum depth of 25 feet bgs underlain by a native soils consisting of fine to coarse sand to 35 feet bgs the maximum boring depth at the Site. Groundwater was encountered at approximately 27 to 28 feet bgs.

The procedure WCD followed for the selection of discrete soil samples for analysis was as follows:

- Four (4) boring locations (WCD-SB-01, WCD-SB-02, WCD-SB-03 and WCD-SB-04) provided sufficient soil for laboratory analysis. Soil samples from the referenced boring locations were collected to characterize on-site soils. Samples were analyzed as follows:

    - Between two (2) and four (4) soil samples were collected from each referenced boring location, and submitted for laboratory analysis (11 discrete samples total). Soil samples were analyzed for the presence of target compound list (TCL) volatile organic compounds/CP-51 (VOCs) +10, TCL/CP-51 semi-volatile organic compounds (SVOCs) +20, target analyte list (TAL) metals (plus cyanide and hexavalent chromium), TCL PCBs and pesticides.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Alpha Analytical of Westborough, MA. Alpha is a NYSDOH ELAP-certified analytical laboratory. Standard chain-of-custody procedures were followed. Summaries of the analytical results are included in Table 1 through Table 5, and copy of the analytical report is attached in Attachment F.

Groundwater Investigation

Soil borings WCD-SB-1, WCD-SB-2 and WCD-SB-3 were converted into temporary monitoring wells WCD-SB-01, WCD-SB-02 and WCD-SB-03, respectively, after the soil sampling was completed. The monitoring wells were constructed of 1-inch diameter polyvinyl chloride (PVC) casing and 10-slot PVC screen. The PVC screen for each well was set approximately 5 feet above and 5 feet below the observed water table.

Following installation, the wells were developed and sampled following USEPA "low flow" sampling procedures using a peristaltic pump system and dedicated tubing until the water was reasonably free of turbidity and field readings (pH, conductivity, temperature and dissolved oxygen) sufficiently stabilized. The groundwater sampling logs are provided in Attachment D.

Prior to sampling each monitoring well, the concentration of VOCs in the headspace was measured using a PID and the well was gauged with an electronic oil/water interface probe. No elevated PID organic

vapor readings were recorded at wells WCD-GW-01, WCD-GW-02 and WCD-GW-03. No visual or olfactory indications of contamination were observed in groundwater samples collected from WCD-GW-02 and WCD-GW-03, although a visible sheen and petroleum odor was observed in water pumped from WCD-GW-01. Non-aqueous phase liquid (NAPL) was not encountered in any of the groundwater monitoring wells during gauging with an electronic oil/water interface probe or sampling.

The samples were containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Alpha which is a NYSDOH ELAP certified laboratory. Standard chain-of-custody procedures were followed.

Groundwater samples were analyzed for CP-51/TCL VOCs +10, CP-51/TCL SVOCs +20, and TAL metals (unfiltered and laboratory filtered). Since dedicated sampling equipment was used, an equipment blank sample was not required. However, a laboratory-prepared trip blank was analyzed for CP-51/TCL VOCs. The laboratory analytical reports are included in Attachment F.

Purge water and decontamination water from the groundwater sampling were contained in properly labeled steel 55-gallon drums and staged on-Site (pending disposal). Used disposable PPE and sampling equipment (e.g., gloves, tubing, tape, etc.) were placed in heavy-duty plastic bags and disposed of properly on-site.

Soil Vapor Sampling

A vapor intrusion survey was conducted on December 4, 2014. The vapor intrusion survey consisted of the collection and laboratory analysis of three (3) sub-slab soil vapor samples. Figure 2 shows the locations of the soil vapor survey points at the Site. The soil vapor sampling was performed in accordance with the October 2006 NYSDOH “Guidance for Evaluating Soil Vapor Intrusion in the State of New York” (NYSDOH Guidance).

Soil vapor samples were collected from approximately five feet bgs by installing teflon tubing connected to a stainless steel sample screen and filling the annular space with clean sand. The locations of the three (3) sub-slab soil vapor samples, WCD-SV-01, WCD-SV-02 and WCD-SV-03, were located at the corresponding soil and groundwater sampling locations of WCD-SB-01/GW-01, WCD-SB-02/GW-02 and WCD-SB-03/GW-03.

The adequacy of each temporary soil vapor sample point was tested in accordance with the NYSDOH-approved method for soil vapor sampling. A 5-gallon bucket was placed over the borehole and helium tracer gas was then pumped into the bucket. The above-grade end of the tubing, which is the sample collection point, was then attached to a helium gas detector. The concept is that, if the seal is not tight, helium tracer gas could travel down the borehole and up the tubing to the sample collection point. Direct readings of helium of less than 10 percent are considered sufficient to verify a tight seal. The soil vapor points passed the seal integrity tests as helium readings in the tubing were all 0.0 parts per million (ppm).

Prior to sampling the temporary sub-slab soil vapor probes were purged of approximately three volumes of air using a photoionization detector (PID). PID organic vapor readings ranged from 0.2 to 0.3 ppm.

The Teflon tubing at each sample location was connected to a laboratory-supplied batch certified-clean six (6) liter SUMMA canister with a flow regulator calibrated to collect the soil vapor sample over a 2-hour period.

The canisters were properly labeled and transported via courier to Alpha Analytical of Westborough, Massachusetts utilizing standard chain-of-custody procedures. Alpha Analytical is a NYSDOH ELAP certified laboratory. The three (3) soil vapor samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) Method TO-15. A summary of the laboratory analytical results

is provided in Table 12 and a copy of the laboratory analytical data report is attached in Attachment G.

Upon completion, each sub-slab soil vapor point was backfilled with clean sand the parking lot surface was restored with asphalt.

SITE DESCRIPTION AND PHYSICAL CHARACTERISTICS

The Site is located at 1640 Flatbush Avenue, Brooklyn, Kings County, New York 11210 and is defined as Tax Block 7577, Lot 60 in the Borough of Brooklyn. The Site consists of an approximately 17,985-square foot triangular-shaped lot improved by a gasoline filling station and a one-story convenience store. The building occupies a footprint of approximately 1,000-square feet in the center of the lot and four (4) pump islands covered by a canopy. Based on review of Sanborn® fire insurance rate maps, the existing building was constructed on-Site in 1993. The Site was historically occupied by several structures from at least 1930 including an automotive repair shop, 70 car parking garage, drycleaner, metal working shop and store. The New York City Department of City Planning (NYCDCP) zoning map indicates the Site is designated as zone C8-2, which is designated for commercial use.

The Site is located in a developed commercial, institutional, and residential neighborhood in Brooklyn, New York. The Site is bounded to the north by a commercial shopping center, Flatbush Avenue, a strip mall shopping center, and mid-rise residential housing developments; to the east by a mid-rise housing complex followed by East 31st Street; to the south by Aurelia Court followed by medium-rise residential apartment buildings; and to the west by Flatbush Avenue followed by a large residential housing complex. The Brooklyn College campus is located approximately 700 feet northeast of the Site.

A site location map is shown on Figure 1 and a sampling location plan is shown on Figure 2.

Topography

Based on field observations, the topography of the immediate Site area is relatively flat. The topography of the surrounding area generally slopes downward to the southeast. According to the United States Geological Survey (USGS) 7.5-Minute Quadrangle Map (Brooklyn, NY 1995), the elevation of the Site property is approximately 30 feet above mean sea level (amsl). A copy of the topographic map is presented in Figure 1.

Geology and Soils

Based upon available literature (Buxton, Soren, Posner, and Shernoff, 1981), the subsurface geology for the Site likely includes the following formations: Pleistocene upper glacial deposits, Gardiners Clay, Jameco Gravel, Cretaceous Raritan Formation consisting of sands and clays, and crystalline bedrock. According to the “Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey”, by Charles A. Baskerville, 1994, the Site is underlain by glacial till that consists of a mixture of clay, silt, sand, gravel, and boulders. It is likely that the soil underlying the Site consists of urban fill due to New York City’s long history of urban development. Urban fill typically consists of brick, loose granular soils, construction and demolition debris, wood, and cinders often containing detectable levels of metals and poly-cyclic aromatic hydrocarbons (PAHs). In general, fill material consisting of red/brown/gray sand, silt, gravel, red brick, concrete, and ash was encountered to a maximum depth of 25 feet bgs underlain by a native soils consisting of fine to coarse sand to 35 feet bgs the maximum boring depth at the Site. Based on a review of available information the depth to bedrock on the Site is approximately 500 feet bgs.

Hydrology

The Site is located approximately 1.5 miles west of the Paerdegat Basin, an inlet of Jamaica Bay. Based on a review of the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map (USGS, 1999), the assumed hydraulic gradient direction is west, southwest. According to USGS local depth to water information the depth to groundwater is estimated to be approximately 25 to 30 feet bgs. Groundwater was encountered in temporary monitoring wells installed at the Site from approximately 27 to 28 feet bgs. Groundwater levels and/or flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, and dewatering operations.

DISCUSSION OF FINDINGS

This section presents a discussion of the findings of the Phase II Investigation. Tabulated results of laboratory analyses are presented in the Tables section of this report. Laboratory quality control (QC) issues for specific media, if present, are discussed in the appropriate sections below. Based on a review of the data, the data quality is acceptable for the intended use. The complete laboratory analytical data packages are included in Attachment G.

Applicable Regulatory Standards

This subsection identifies the NYSDEC regulatory standards and guidelines used to evaluate the soil sample analytical results.

Soil Cleanup Objectives (SCOs)

The Unrestricted Use SCOs and Restricted-Residential Use SCOs found in 6 NYCRR 375-6, Remedial Program Soil Cleanup Objectives are the appropriate standards for use in evaluating the results of the analyses of the ESI soil samples. Soil which is free of contaminants above the Unrestricted Use SCOs standards is suitable for “unrestricted use” which is the land use category without imposed restrictions, such as environmental easements or other land use controls. In addition, the results were compared to the Restricted-Residential Use SCOs which allows residential development with restrictions to prevent contact with on-site soil.

In addition, the Soil Cleanup Levels (SCLs) for Fuel Oil Contaminated Soil found in Table 3 of Commissioner Policy 51 (CP-51), “Soil Cleanup Guidance”, dated October 21, 2010 were used to evaluate the VOC and SVOC soils data. CP-51 replaces the Technical and Administrative Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels (January 24, 1994); the Petroleum Site Inactivation and Closure Memorandum (February 23, 1998); and Sections III and IV of Spill Technology and Remediation Series (STARS) Memo #1 (August 1992).

Groundwater Quality Standards and Guidance Values

The results of the analyses of groundwater samples were compared to New York State Class GA Groundwater Standards and Guidance Values (Class GA Values), in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values. Ambient water quality standards are enforceable regulatory limits. Where ambient water quality standards do not exist, ambient water quality guidance values were used to evaluate the results.

Soil Vapor Regulatory Standards

The analytical results for the soil vapor samples were compared to the NYSDOH Air Guideline Values (AGVs) presented in NYSDOH Vapor Intrusion Guidance Document (October 2006, revised September

2013) and September 2013 PCE in Indoor and Outdoor Air Fact Sheet, including Upper Fence Limit indoor air values from "Table C-1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes," 90th Percentile indoor air values from "Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister method", and the 95th Percentile Indoor Air Values from "Table C-5, HEI 2005: Relationship of Indoor, Outdoor and Personal Air" published in the NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C (October 2006). The results of the analyses of the soil vapor samples were also compared to Matrices 1 and 2 in the NYSDOH Vapor Intrusion Guidance Document. In addition, the results were compared to the 95th Percentile Concentrations in Existing Residences published in Appendix X7 of ASTM E 2600-08 "Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions."

Subsurface Soil Sampling Findings

Based on a review of the data, the data is suitable for its intended use.

Volatile Organic Compounds (VOCs) in Soil

The results of the analysis of the soil samples indicate that thirteen (13) VOCs were detected at concentrations above their corresponding Unrestricted Use SCOs and/or NY-CP51 in three of the eleven samples. The analytical data is summarized in Table 1. The analytical data package is presented as Attachment G.

Sample ID Depth Sample Date Units	WCD-SB-01 (30-31) 12/5/14 mg/kg	WCD-SB-01 R1 (30-31) 12/5/14 mg/kg	WCD-SB-02 (25-30) 12/4/14 mg/kg	WCD-SB-03 (1-4) 12/4/14 mg/kg	NY-CP51 mg/kg	Restricted Residential Use SCOs mg/kg	Unrestricted Use SCOs mg/kg
1,2,4-Trimethylbenzene	**79 E**	**84**	**1,100**	0.36 U	3.6	52	3.6
1,3,5-Trimethylbenzene	**26**	-	**290**	0.36 U	8.4	52	8.4
Ethylbenzene	**7**	-	**110**	0.072 U	1	41	1
Isopropylbenzene	**2.6**	-	**26**	0.072 U	2.3	NC	NC
n-Butylbenzene	8.5	-	**51**	0.071 U	12	100	12
n-Proplybenzene	**11**	-	**120**	0.072 U	3.9	100	3.9
Naphthalene	**13**	-	**160**	0.36 U	12	100	12
o-Xylene	**0.42 J**	-	**89**	0.14 U	0.26	NC	NC
p-Isopropyltoluene	2.9	-	**12**	0.072 U	10	NC	NC
p/m-Xylene	**24**	-	**510**	0.14 U	0.26	NC	NC
sec-Butylbenzene	2.9	-	**17**	0.072 U	11	100	11
Tetrachloroethene (PCE)	0.23 U	-	12 U	**3**	NC	19	1.3
Xylene (Total)	**24 J**	-	**600**	0.14 U	0.26	100	0.26

Notes:
NC – No Criterial
mg/kg – milligrams per kilogram
U – Not detected at the reported detection limit for the sample
J – Estimated value
E – Concentration exceeds the range of calibration
R1 – indicates the sample was diluted and resampled following an E reading
Gray shading with black bolded text values exceed Unrestricted Use SCOs and/or NY-CP51
Yellow shading with black bolded text values exceed NY-CP51

As the table indicates, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-proplybenzene, naphthalene, o-xylene, p-isopropyltoluene, p/m-xylene, sec-butylbenzene, tetrachloroethene (PCE), and xylene (total) were detected in one or more soil samples their respective Unrestricted Use SCOs and/or NY-CP51. WCD attributes the detected VOC concentrations exceeding the regulatory criteria to on-site petroleum releases. The elevated level of PCE detected at WCD-SB-03 may be attributed to the historic use of the Site as a dry cleaner. The analytical data is summarized in Table 1. The analytical data package is presented as Attachment G.

Semi-Volatile Organic Compounds (SVOCs) in Soil

The results of the analysis of the soil samples indicate that one (1) SVOC was detected at a concentration above the corresponding Unrestricted Use SCOs and/or SCLs in one of the eleven samples. The analytical data is summarized in Table 2. The analytical data package is presented as Attachment G.

Sample ID Depth Sample Date Units	WCD-SB-02 (25-30) 12/4/14 mg/kg	WCD-SB-02 R1 (25-30) 12/4/14 mg/kg	NY-CP51 mg/kg	Restricted Residential Use SCOs mg/kg	Unrestricted Use SCOs mg/kg
Naphthalene	**24 E**	**34**	12	100	12

Notes:
mg/kg – milligrams per kilogram
E – Concentration exceeds the range of calibration
R1 – indicates the sample was diluted and resampled following an E reading
Gray shading with black bolded text values exceed Unrestricted Use SCOs and/or NY-CP51
Yellow shading with black bolded text values exceed NY-CP51

As the table indicates, one (1) SVOC (naphthalene) was detected at a concentration above the corresponding Unrestricted Use SCOs and/or SCL at WCD-SB-02 at a sampling depth between 25 and 30 feet bgs. WCD attributes the detected SVOC concentration exceeding the regulatory criteria to on-site petroleum releases. The analytical data summary table is presented in Table 2. The complete analytical data report is presented in Attachment G.

Metals, Cyanide and Hexavalent Chromium in Soil

The results of the analysis of the subsurface soil sampling indicate that three (3) analyzed metals were detected at concentrations above their corresponding Unrestricted Use SCOs. A summary of the compounds and concentrations which exceed Unrestricted Use SCOs is provided below:

Metals Detected in Soil at Concentrations Greater than Unrestricted Use SCOs

Sample ID Depth Sample Date Units	WCD-SB-01 (1-4) 12/5/14 mg/kg	WCD-SB-01 (10-13) 12/5/14 mg/kg	WCD-SB-01 (30-31) 12/5/14 mg/kg	WCD-SB-01 (33-35) 12/5/14 mg/kg	Restricted Residential Use SCOs mg/kg	Unrestricted Use SCOs mg/kg
Lead, Total	**120**	5.2	12	3.6 J	400	63
Nickel, Total	12	**37**	**38**	**32**	310	30
Zinc, Total	**110**	23	30	18	10,000	109

Sample ID Depth Sample Date Units	WCD-SB-02 (1-4) 12/4/14 mg/kg	WCD-SB-02 (25-30) 12/4/14 mg/kg	WCD-SB-03 (1-4) 12/4/14 mg/kg	WCD-SB-03 (10-13) 12/4/14 mg/kg	WCD-SB-04 (10-13) 12/5/14 mg/kg	Restricted Residential Use SCOs mg/kg	Unrestricted Use SCOs mg/kg
Lead, Total	**84**	7.6	**65**	3.8 J	11	400	63
Nickel, Total	24	**49**	12	**34**	**30**	310	30
Zinc, Total	62	18	63	18	28	10,000	109

Notes:
NC – No Criteria
mg/kg – milligrams per kilogram
J – Estimated value
Gray shading with black bolded text values exceeds Unrestricted Use SCOs

As the table indicates, lead, nickel, and zinc were detected in one or more soil samples above their respective Unrestricted Use SCOs. WCD attributes the detected metals concentrations exceeding the

regulatory criteria to the characteristics of fill material and naturally occurring concentrations at the Site. The analytical data is summarized in Table 3 and the analytical data package is presented in Attachment G.

Pesticides and Herbicides in Soil

The results of the analysis of the subsurface soil sampling indicate that pesticides were not detected in any of the soil samples analyzed. The analytical data is summarized in Table 4. The analytical data package is presented in Attachment G.

Polychlorinated biphenyls (PCBs) in Soil

The results of the analysis of the soil samples indicate that no PCBs were detected at concentrations above corresponding Unrestricted Use SCOs in any of the samples. The analytical data is summarized in Table 5. The analytical data package is presented in Attachment G.

Groundwater Sampling Findings

Based on a review of the laboratory data qualifications, the usability of the data for its intended use is not affected.

Volatile Organic Compounds (VOCs) in Groundwater

The results of the analyses of groundwater for VOCs indicates that fifteen (15) VOCs [1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; benzene; cis-1,2-dichloroethene; ethylbenzene; isopropylbenzene; n-butylbenzene; n-propylbenzene; naphthalene; o-xylene; p/m-xylene; sec-butylbenzene; tetrachloroethene (PCE); toluene; and trichloroethene (TCE)] were detected at a concentration greater than the Class GA Value in one or more of the groundwater samples. A summary of the compound and concentrations which exceed Class GA Values is provided below:

VOC Exceeding Class GA Values in Groundwater

Sample ID Date Sampled Collected Units	WCD-GW-01 12/5/14 (µg/L)	WCD-GW-01 12/5/14 (µg/L)	WCD-GW-01 12/5/14 (µg/L)	Class GA Values (µg/L)
1,2,4-Trimethylbenzene	**270**	1.9 J	2.5 U	5
1,3,5-Trimethylbenzene	**68**	2.5 U	2.5 U	5
Benzene	**72**	0.5 U	0.5 U	1
cis-1,2-Dichloroethene	12 U	**16**	2.5 U	5
Ethylbenzene	**160**	2.5 U	2.5 U	5
Isopropylbenzene	**25**	2.5 U	2.5 U	5
n-Butylbenzene	**12**	2.5 U	2.5 U	5
n-Propylbenzene	**40**	2.5 U	2.5 U	5
Naphthalene	**75**	0.77 J	2.5 U	10
o-Xylene	**7.7 J**	2.5 U	2.5 U	5
p/m-Xylene	**420**	1 J	2.5 U	5
sec-Butylbenzene	**5.3 J**	2.5 U	2.5 U	5
Tetrachloroethene (PCE)	2.5 U	**46**	**11**	5
Toluene	**5.8 J**	2.5 U	2.5 U	5
Trichloroethene (TCE)	2.5 U	**9.3**	0.21 J	5

Notes:

µg/L – micrograms per liter
U – Not detected at the reported detection limit for the sample
J – Estimated value
Gray shading with black bolded text values exceed Class GA values

Twelve (12) of the VOCs detected above Class GA Values in groundwater as listed above were also detected in one or more soil samples above their respective Unrestricted Use SCOs. The VOCs detected in groundwater above Class GA Values are attributed to historic and current use of the Site as a fueling station and drycleaners. The analytical data is summarized in Table 6. The complete analytical data report is presented in Attachment G. One trip blank sample was also analyzed for VOCs. VOCs were not detected in the trip blank sample.

Semi-volatile Organic Compounds (SVOCs) in Groundwater

A review of the results of the analyses of groundwater for SVOCs indicates that one (1) SVOC (naphthalene) was detected at concentrations greater than the Class GA Value. A summary of the compound and concentrations which exceed Class GA Values is provided below:

SVOCs Exceeding Class GA Values in Groundwater

Sample ID Date Sampled Collected Units	WCD-GW-01 12/5/14 (µg/L)	Class GA Values (µg/L)
Naphthalene	**36**	10

Notes:

µg/L – micrograms per liter
Gray shading with black bolded text values exceed Class GA values

The SVOC detected in groundwater above Class GA Values can be attributed to the use of the Site as a gas station. The analytical data summary table is presented in Table 7. The complete analytical data report is presented in Attachment G.

Metals in Groundwater

A review of the results of the analyses of groundwater for metals indicates that four (4) naturally occurring metals (iron, manganese, magnesium, and sodium) were detected at concentrations greater than the Class GA Value. A summary of the compound and concentrations which exceed Class GA Values is provided below:

Metals Exceeding Class GA Values in Groundwater

Sample ID Units	WCD-GW-01 12/5/14 µg/L	WCD-GW-01 R1 12/5/14 µg/L	WCD-GW-02 12/5/14 µg/L	WCD-GW-02 R1 12/5/14 µg/L	WCD-GW-03 12/5/14 µg/L	WCD-GW-03 R1 12/5/14 µg/L	Class GA Values µg/L
DISSOLVED							
Iron, dissolved	**-**	**29,300**	**-**	23.6 J	-	50 U	300
Manganese, dissolved	**5,030**	-	**634**	-	-	**338.9**	300
Sodium, dissolved	**125,000**	-	**146,000**	-	**142,000**	-	20,000
TOTAL							
Iron, total	**-**	**31,400**	**-**	127	-	134	300
Magnesium, total	-	18,000	**-**	24,800	-	**43,800**	35,000
Manganese, total	**5,504**	-	**736.2**	-	**415.2**	-	300
Sodium, total	**144,000**	-	**160,000**	-	**153,000**	-	20,000

Notes:

µg/L – micrograms per liter
U – Not detected at the reported detection limit for the sample
J – Estimated value
R1 – Retest
Gray shading with black bolded text values exceed Class GA values

WCD attributes the concentrations of naturally occurring metals to the characteristics of regional water quality and not to historic on-site operations. A summary of the compounds and concentrations which exceed Class GA Values is provided in Table 8. The complete analytical data report is presented in Attachment G.

Pesticides in Groundwater

The results of the analysis of the groundwater sampling indicate that pesticides were not detected above the applicable regulatory criteria in any of the groundwater samples analyzed. The analytical data is summarized in Table 9. The analytical data package is presented in Attachment G.

PCBs in Groundwater

The results of the analysis of the groundwater sampling indicate that PCBs were not detected above the applicable regulatory criteria in any of the groundwater samples analyzed. The analytical data is summarized in Table 10. The analytical data package is presented in Attachment G.

VOCs in Sub-Slab Soil Vapor

A summary of the analytical results for VOCs in soil vapor is summarized in Table 11. The complete analytical data report is presented in Attachment G. A summary of the detected compounds at a concentration greater than anticipated background levels and/or the AGV is provided below:

Summary of VOCs in Soil Vapor Detected at Concentrations Greater than AGVs and/or Background Concentrations

Sample ID Units	WCD-SV-01 12/4/14 µg/m^3	WCD-SV-02 12/4/14 µg/m^3	WCD-SV-03 12/4/14 µg/m^3	NYSDOH Air Guideline Value µg/m^3	ASTM E 2600 Concentration in Existing Residences – 95th Percentile µg/m^3	NYSDOH 2003 Fuel Oil Upper Fence Limit Indoor Air µg/m^3	USEPA BASE 90th Percentile Value Indoor Air µg/m^3	Health Effects Institute 2005 95th Percentile Value Indoor Air µg/m^3
1,2-Dichloroethane	**1.35**	0.081 U	3.23 U	NC	NC	0.4	<0.9	NC
1,3,5-Trimethylbenzene	2.45	1.66	**5.51**	NC	NC	3.9	3.7	NC
1,3-Butadiene	**8.41**	**13.3**	**5.4**	NC	NC	NC	<3.0	NC
4-Ethyltoluene	2.88	2.04	**4.71**	NC	NC	NC	3.6	NC
Acetone	**206**	107	190 U	NC	NC	115	98.9	45.8
Benzene	**16.7**	8.43	12.8 U	NC	13	13	9.4	10
Carbon Disulfide	**10.5**	**10.3**	24.9 U	NC	NC	NC	4.2	NC
Chloroform	**9.43**	0.361	3.9 U	NC	NC	1.2	1.1	6.34
Ethylbenzene	8.64	8.95	**27.8**	NC	13	6.4	5.7	7.62
n-Hexane	**21**	8.99	28.2 U	NC	NC	14	10.2	NC
o-Xylene	**11.9**	**10.5**	**16**	NC	6.9	7.1	7.9	7.24
p/m-Xylene	**34.4**	**28.7**	**85.6**	NC	22	11	22.2	22.2
Tetrachloroethene (PCE)	**188**	**216**	**6,500**	30	4.9 – 6.8	2.5	15.9	6.01
Trichloroethene (TCE)	1.5	0.962	**5.15**	5	0.70 – 1.4	0.5	4.2	1.36

Notes:

µg/m^3 – microgram per meter cubed
U – Not detected at the reported detection limit for the sample
NC – No Criteria
Gray shading with black bolded text values are equal to or exceed NYSDOH Air Guidance Value
Yellow shading with black bolded text values exceed the range of published background indoor air concentrations

A total of fourteen (14) compounds (1,2-dichloroethane, 1,3,5-trimethylbenzene, 1,3-butadiene, 4-ethyltoluene, acetone, benzene, carbon disulfide, chloroform, ethylbenzene, n-hexane, o-xylene, p/m-xylene, trichloroethylene [TCE], and tetrachloroethene [PCE]) were detected at concentrations greater than the range of published background concentrations in one or more of the soil vapor samples.

The NYSDOH has established AGVs for three (3) of the VOCs analyzed (methylene chloride, PCE, and trichloroethene [TCE]). PCE was detected at a concentration of 188 µg/m^3 in sample WCD-SV-01, 216 µg/m^3 in sample WCD-SV-02, and 6,500 µg/m^3 in sample WCD-SV-03, above the corresponding AGV of 30 µg/m^3. TCE was detected at a concentration of 5.15 µg/m^3, above the corresponding AGV of 5 µg/m^3, in one (WCD-SV-03) of three sub-slab soil vapor samples. Methylene chloride was not detected at a concentration above the corresponding AGV of 60 µg/m^3 in any of the sub-slab soil vapor samples.

Soil vapor sampling results for carbon tetrachloride, TCE and vinyl chloride were compared to Matrix 1 of the NYSDOH Vapor Intrusion Guidance Document. Elevated levels of vinyl chloride and carbon tetrachloride were not detected in any of the sub-slab soil vapor samples. TCE was detected in each of the sub-slab soil vapor samples at concentrations between 0.962 and 5.15 µg/m^3. Based on Matrix 1, the recommended action for TCE detected in sub-slab soil vapor at a concentration from less than 5 and 50

$\mu g/m^3$ is no further action, take reasonable and practical actions to identify source(s) and reduce exposures, monitoring or mitigation.

Soil vapor sampling results for 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, and 1,1,1-trichloroethane (1,1,1-TCA) were compared to Matrix 2 of the NYSDOH Vapor Intrusion Guidance Document. Elevated levels of 1,1-dichloroethene, Cis-1,2-dichloroethene and 1,1,1-TCA were not detected in the soil vapor samples. PCE was detected in sub-slab soil vapor at concentrations between 188 and 6,500 $\mu g/m^3$. Based on Matrix 2, the recommended action for PCE detected in soil vapor at concentrations from 100 to greater than 1,000 $\mu g/m^3$ is monitoring and/or mitigation.

The results of the soil vapor analyses are summarized in the attached Table 11. The laboratory analytical data report is included in Attachment G.

SUMMARY OF FINDINGS

WCD performed a Phase II ESI at the Site consisting of a geophysical survey, installation of soil borings and temporary groundwater monitoring wells and the collection and laboratory analysis of soil vapor, soil and groundwater samples. The results of the Phase II ESI indicate the following:

- The geophysical survey did not reveal evidence of buried utilities or structures in the vicinity of the sampling locations. Underground storage tanks (USTs) were identified on the Site during the geophysical survey and through physical inspection.

- In general, soil at the Site consists of fill material consisting of red/brown/gray sand, silt, gravel, red brick, concrete, and ash was encountered to a maximum depth of 25 feet bgs underlain by a native soils consisting of fine to coarse sand to 35 feet bgs the maximum boring depth at the Site. Bedrock was not encountered during the Site investigation.

- Field observations and screening during soil sampling revealed the presence of petroleum-like odor and sheen at soil samples WCD-SB-01 from 25 and 35 feet bgs and sample WCD-SB-02 form 32 and 35 feet bgs. The petroleum contamination in soil was identified at or below the observed groundwater table.

- The results of the analyses of soil samples revealed VOCs, SVOCs and metals at concentrations exceeding Unrestricted Use SCOs and/or SCLs. Fifteen (15) VOCs [1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-proplybenzene, naphthalene, o-xylene, p-isopropyltoluene, p/m-xylene, sec-butylbenzene, tetrachloroethene (PCE), and xylene (total)] and the SVOC naphthalene were detected in one or more soil samples at concentrations above their respective Unrestricted Use SCOs and/or SCLs. The metals lead, nickel, and zinc were detected at concentrations above the Unrestricted Use SCOs in one or more samples. The concentrations of VOCs and SVOCs exceeding regulatory criteria may be attributed to petroleum contamination observed at the Site and the historic use of the Site as a dry cleaner. The concentrations of metals exceeding the Unrestricted Use SCOs may be attributed to the characteristics of surficial fill material at the Site. No PCBs or pesticides/herbicides were detected in any of the soil samples at concentrations above Unrestricted Use SCOs and/or CP-51 SCLs.

- Visual indications of petroleum contamination including petroleum-like odor and sheen were identified in groundwater samples collected from on-site temporary wells point (WCD-GW-1). No elevated PID readings were recorded in the headspace from any of the wells. Groundwater was encountered at approximately 27 to 29 feet bgs.

- The results of the analyses of the groundwater samples revealed that fifteen (15) VOCs [1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; benzene; cis-1,2-dichloroethene; ethylbenzene; isopropylbenzene; n-butylbenzene; n-propylbenzene; naphthalene; o-xylene; p/m-xylene; sec-butylbenzene; tetrachloroethene (PCE); toluene; and trichloroethene (TCE)]; one (1) SVOC (naphthalene); and four (4) naturally occurring metals (iron, manganese, magnesium, and sodium) were detected at concentrations greater than the corresponding Class GA Values in one or more of the groundwater samples collected at the Site. The VOCs detected in groundwater above Class GA Values are attributed to petroleum contamination observed at the Site and historic use of the Site as a dry cleaner. The SVOCs detected in groundwater above the Class GA Values are attributed to petroleum contamination observed at the Site. The metals detected in groundwater above Class GA Values can be attributed to the characteristics of the aquifer. No PCBs or pesticides/herbicides were detected in any of the groundwater samples at concentrations above their respective Class GA Values.

- The results of analysis of the soil vapor samples revealed a total of fourteen (14) VOCs (1,2-dichloroethane, 1,3,5-trimethylbenzene, 1,3-butadiene, 4-ethyltoluene, acetone, benzene, carbon disulfide, chloroform, ethylbenzene, n-hexane, o-xylene, p/m-xylene, trichloroethylene [TCE], and tetrachloroethene [PCE]) were detected at concentrations greater than the range of published background concentrations in one or more of the soil vapor samples. The compounds detected in soil vapor samples include petroleum and chlorinated solvent related compounds. A comparison of contaminant concentrations to the Matrices in the NYSDOH Vapor Intrusion Guidance Document indicates that monitoring and/or mitigation is the recommended action.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of WCD's Phase II ESI, WCD concludes the following:

- The geophysical survey did not reveal evidence of buried utilities or structures in the vicinity of the sampling locations. Underground storage tanks (USTs) were identified on the Site during the geophysical survey and through physical inspection.

- Field observations and screening during soil sampling revealed evidence of the presence of petroleum-impacts. The concentrations of VOCs and SVOCs exceeding regulatory criteria may be attributed to the petroleum contamination observed at the Site at or below the observed groundwater table. The concentrations of metals exceeding the Unrestricted Use SCOs may be attributed to the characteristics of surficial fill material at the Site.

- Groundwater was encountered in on-site temporary monitoring well points at approximately 27 to 29 feet bgs and field observations revealed the presence of petroleum contamination during sampling one of the samples collected. The results of the analyses of the groundwater samples revealed that fifteen (15) VOCs, one (1) SVOC, and four (4) naturally occurring metals were detected above the corresponding Class GA Values in one or more groundwater samples collected at the Site. The VOCs, SVOCs detected in groundwater above Class GA Values are attributed to the petroleum contamination observed at the Site, use of the Site as a gas station and historic use of the Site as dry cleaner. The metals detected in groundwater above Class GA Values are attributed to the presence of historic fill and characteristics of the aquifer.

- The compounds detected in on-site soil vapor samples exceeding the comparison levels include petroleum and chlorinated solvent related compounds. Several of the compounds detected in soil vapor above comparison levels were detected at elevated levels (above standards or guidelines) in both soil and groundwater samples collected at the Site. Therefore, the compounds detected in soil vapor are attributed to contaminated soil and groundwater at the Site.

Based on the results of the Phase II ESI, WCD recommends implementing the following remediation and environmental control measures during Site redevelopment.

- Based on the petroleum-related contamination identified in on-site soil and groundwater a spill should be reported to the New York State Department of Environmental Conservation.

- To prevent any VOCs in soil vapor from entering the new building, a soil vapor barrier and active sub-slab depressurization system should be integrated into the building design.

- WCD recommends properly characterizing the soil to identify appropriate material handling, reuse, and/or disposal requirements. Excavated material should be managed in accordance with applicable federal, state, and local laws and regulations and in consideration of the results of the characterization sampling and analysis. Based on the results of the analyses of soil samples collected during the Phase II ESI, the material excavated from the Site is expected to be non-hazardous industrial waste (ID-27) and/or petroleum impacted material and should be identified as such for bidding purposes. Additionally, the project construction specifications should require completion of waste characterization sampling by the contractor.

- USTs and all associated piping and any on-site petroleum impacted soil should be excavated, decommissioned, and/or disposed of in accordance with all federal, state and local regulations.

- If dewatering is necessary during construction the water will require treatment prior to discharge to the municipal sewer. Dewatering, groundwater treatment, and disposal should be performed in accordance with applicable local, state and federal regulations.

- If landscaped areas are incorporated into the development of the Site, a minimum 2-foot thick layer of environmentally clean fill should be placed over existing soil in those areas. Building foundations, pavements and other impervious surface materials would be considered engineering controls for purposes of providing a physical barrier between known contaminated media and building occupants and/or the general public.

Soil and groundwater sampling results indicate that the petroleum and chlorinated solvent concentrations are present in on-site soil and groundwater and may have migrated off-site; however, its extent is unknown at this time. In addition to the presence of gasoline constituents, elevated levels of PCE and TCE were also detected in soil vapor at concentrations above the New York State Department of Health Air Guideline Values. If SL Green Realty Corporation were to acquire the Site at this point, the liabilities associated with cleanup of the on-site petroleum release and further characterization and remediation of the potential off-site contamination should be considered. Responsibilities could include delineation of the groundwater plume, groundwater remediation activities, vapor intrusion studies or installation of vapor mitigation controls on off-site structures, depending on the nature and extent of contamination. The time and cost ramifications resulting from the migration of contamination from the Site cannot be determined at this time.

A detailed description of the recommended engineering controls including a remediation cost estimate is included in Attachment A.

Please do not hesitate to contact us at (212) 631-9000 if you have any questions.

Sincerely,
WCD GROUP LLC

Prepared by: Emily Spokowski
Emily Spokowski
Senior Scientist

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Wes D. Lindemuth, CHMM, ASP
Project Manager

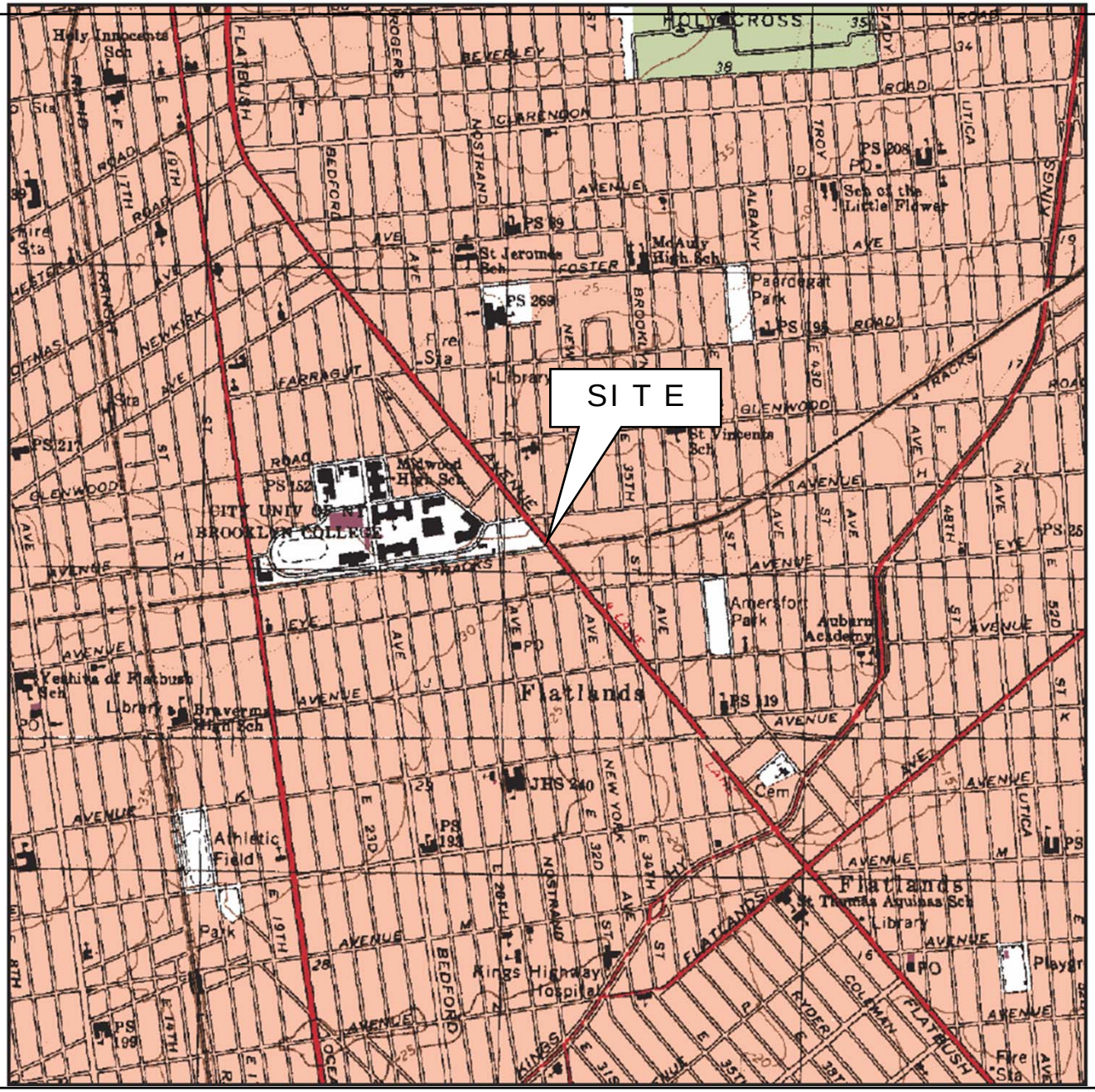
cc: E. Telemaque, WCD
J. Capritti, WCD
J. Blaney, WCD
File

Enclosures:

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Sample Location Plan
Figure 4 – Summary of Soil Sampling Results
Figure 5 – Summary of Groundwater Sampling Results

Table 1 – Summary of Soil Sampling Results for Volatile Organic Compounds
Table 2 – Summary of Soil Sampling Results for Semi-Volatile Organic Compounds
Table 3 – Summary of Soil Sampling Results for Metals Including Hexavalent Chromium and Cyanide
Table 4 – Summary of Soil Sampling Results for Pesticides
Table 5 – Summary of Soil Sampling Results for Polychlorinated Biphenyls
Table 6 – Summary of Groundwater Sampling Results for Volatile Organic Compounds
Table 7 – Summary of Groundwater Sampling Results for Semi-Volatile Organic Compounds
Table 8 – Summary of Groundwater Sampling Results for Metals (total and dissolved)
Table 9 – Summary of Groundwater Sampling Results for Pesticides
Table 10 – Summary of Groundwater Sampling Results for Polychlorinated Biphenyls
Table 11 – Summary of Soil Vapor Sampling Results for Volatile Organic Compounds

Attachment A – Remediation Cost Estimate
Attachment B – Photograph Log
Attachment C – Soil Boring Logs
Attachment D – Groundwater Sampling Logs
Attachment E – Well Construction Logs
Attachment F – Geophysical Survey Report
Attachment G – Laboratory Analytical Data Reports



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Project Location:

1640 Flatbush Avenue
Brooklyn, New York 11210
Block 7577, Lot 60

Project No.:

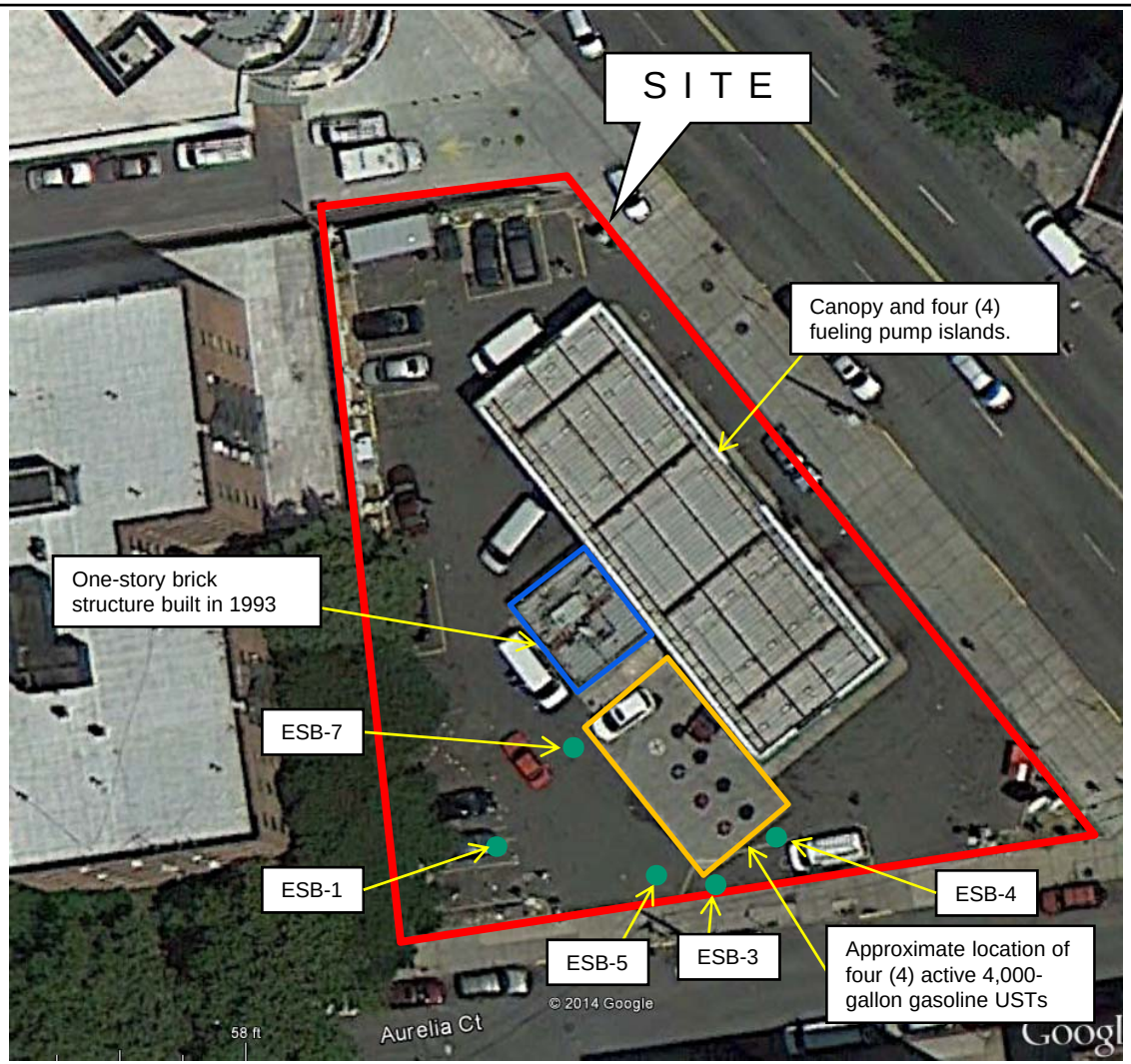
14-7233

Title:

SITE LOCATION MAP

FIGURE 1

Source: USGS Central Park Quadrangle, 7.5 Minute Series, Central Park NY-NJ 2013



LEGEND

- Site Boundary

- Location of soil and groundwater sample collected by Enviroscience Consultants, Inc. during Phase II ESA in 2010.

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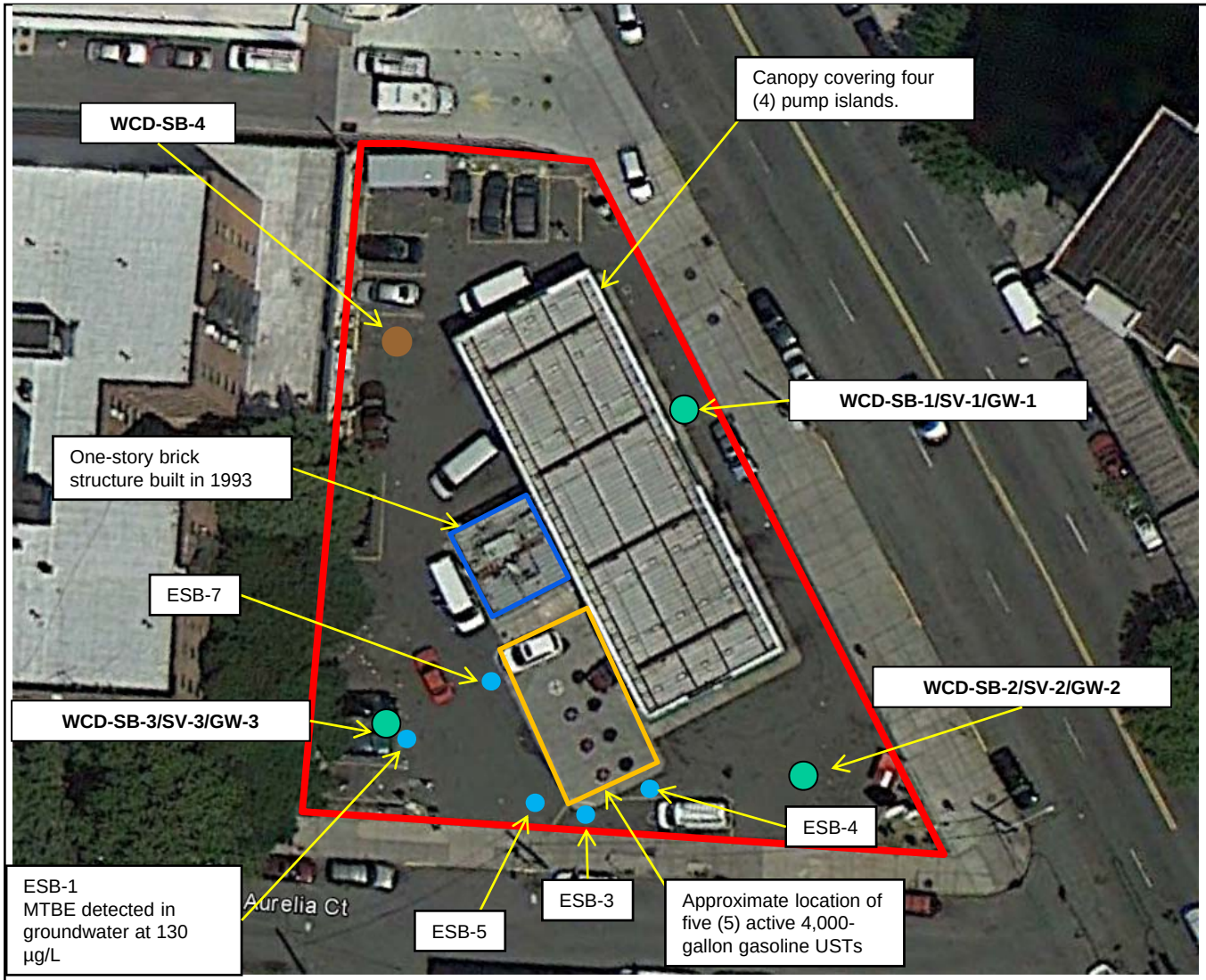
SITE PLAN

FIGURE 2

Source: Google Maps



LEGEND

- Location of historic soil and groundwater sample collected by Enviroscience Consultants, Inc. during Phase II ESA in 2010.
- Site Boundary
- WCD Soil Boring Sampling Location and Identification Number
- WCD Soil Boring, Vapor and Groundwater Sampling Location and Identification Number

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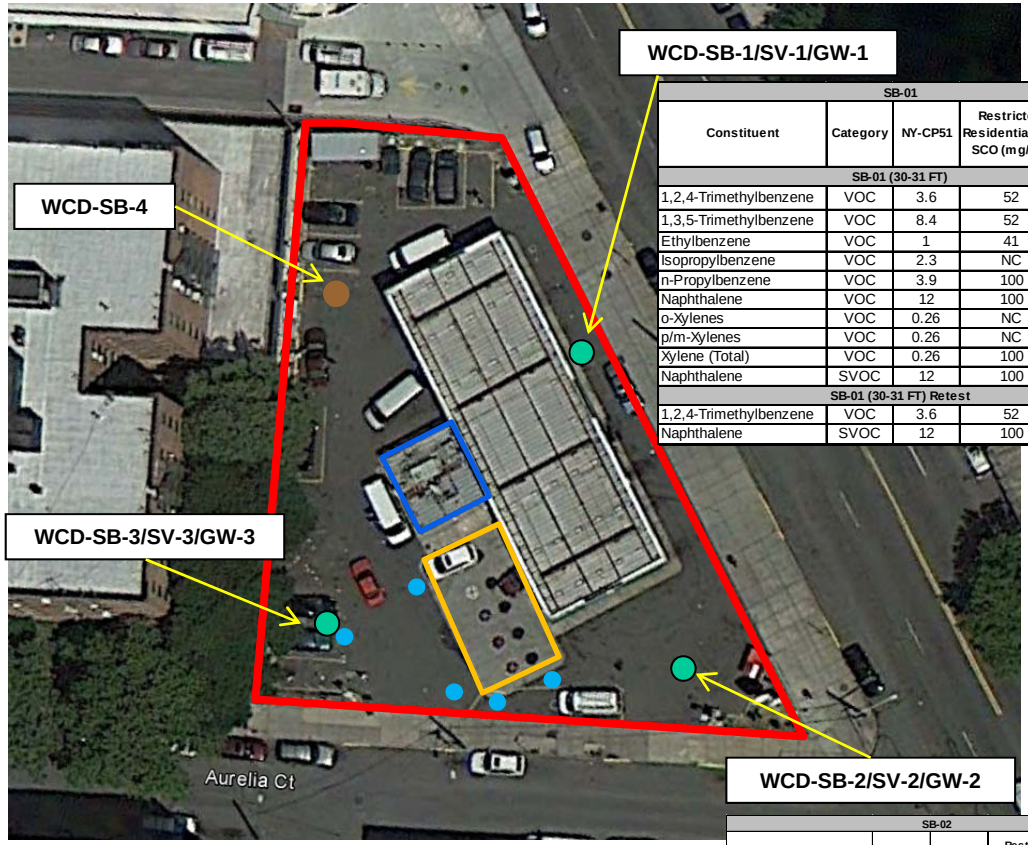
Title:

Sample Location Plan

FIGURE 3

Source: Google Earth



SB-01				
Constituent	Category	NY-CP51	Restricted Residential Use SCO (mg/kg)	RESULT (mg/kg)
SB-01 (30-31 FT)				
1,2,4-Trimethylbenzene	VOC	3.6	52	79E
1,3,5-Trimethylbenzene	VOC	8.4	52	26
Ethylbenzene	VOC	1	41	7
Isopropylbenzene	VOC	2.3	NC	2.6
n-Propylbenzene	VOC	3.9	100	11
Naphthalene	VOC	12	100	13
o-Xylenes	VOC	0.26	NC	4.2 J
p/m-Xylenes	VOC	0.26	NC	24
Xylene (Total)	VOC	0.26	100	24 J
Naphthalene	SVOC	12	100	24 E
SB-01 (30-31 FT) Retest				
1,2,4-Trimethylbenzene	VOC	3.6	52	84
Naphthalene	SVOC	12	100	34

SB-02				
Constituent	Category	NY-CP51	Restricted Residential Use SCO (mg/kg)	RESULT (mg/kg)
SB-02 (25-30 FT)				
1,2,4-Trimethylbenzene	VOC	3.6	52	1,100
1,3,5-Trimethylbenzene	VOC	8.4	52	290
Ethylbenzene	VOC	1	41	110
Isopropylbenzene	VOC	2.3	NC	26
n-Propylbenzene	VOC	3.9	100	120
Naphthalene	VOC	12	100	160
o-Xylenes	VOC	0.26	NC	89
p/m-Xylenes	VOC	0.26	NC	510
p-Isopropyltoluene	VOC	10	NC	12
Xylene (Total)	VOC	0.26	100	600
sec-Butylbenzene	VOC	11	100	17

LEGEND

- Location of historic soil and groundwater sample collected by Enviroscience Consultants, Inc. during Phase II ESA in 2010.
- Site Boundary
- WCD Soil Boring Sampling Location and Identification Number
- WCD Soil Boring, Vapor and Groundwater Sampling Location and Identification Number

NOTES

-NC = No Criterion
- Sampling included the following:
  - Four (4) soil borings
  - Three (3) soil vapor samples
  - Three (3) groundwater samples

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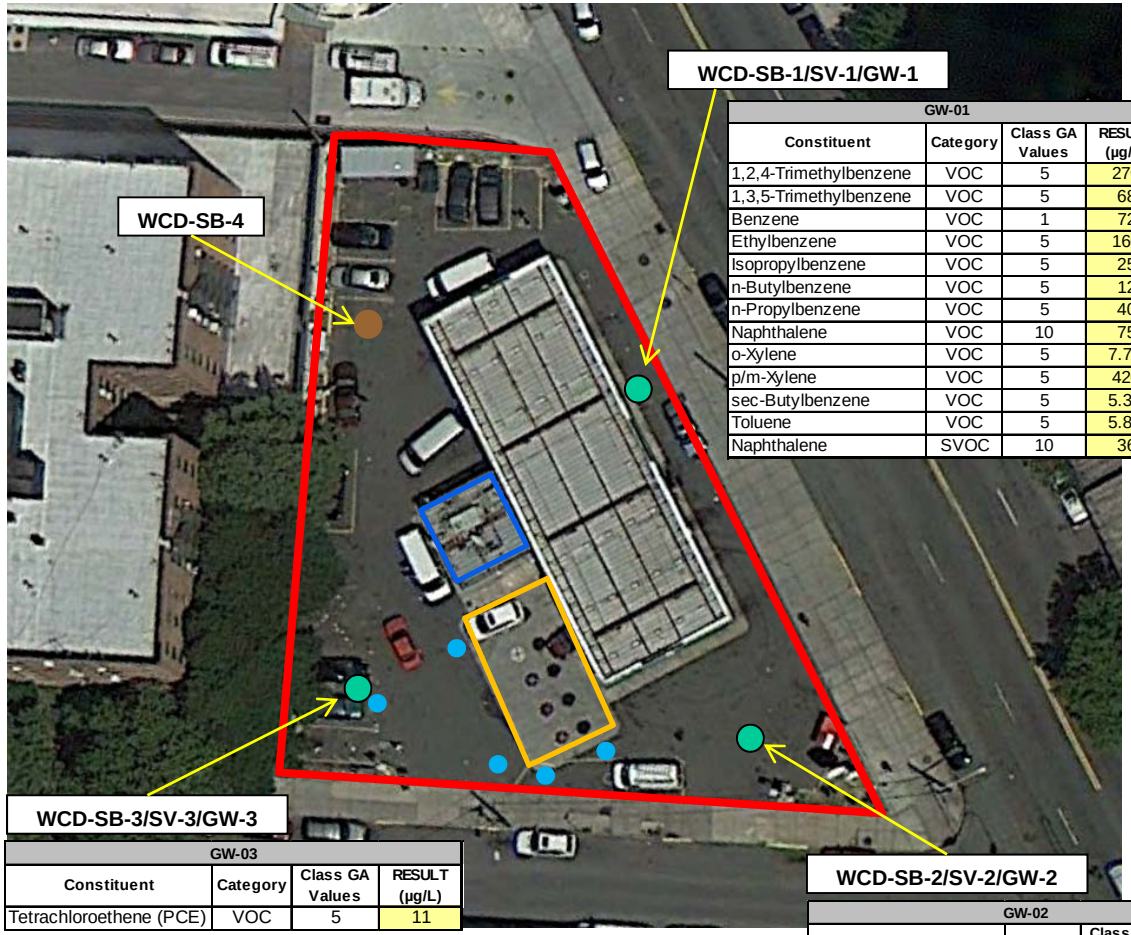
Title:
Summary of Exceedances of Part 375 Restricted Residential Use Soil Cleanup Objectives

FIGURE 4

Source: Google Earth



GW-01			
Constituent	Category	Class GA Values	RESULT (µg/L)
1,2,4-Trimethylbenzene	VOC	5	270
1,3,5-Trimethylbenzene	VOC	5	68
Benzene	VOC	1	72
Ethylbenzene	VOC	5	160
Isopropylbenzene	VOC	5	25
n-Butylbenzene	VOC	5	12
n-Propylbenzene	VOC	5	40
Naphthalene	VOC	10	75
o-Xylene	VOC	5	7.7 J
p/m-Xylene	VOC	5	420
sec-Butylbenzene	VOC	5	5.3 J
Toluene	VOC	5	5.8 J
Naphthalene	SVOC	10	36

GW-03			
Constituent	Category	Class GA Values	RESULT (µg/L)
Tetrachloroethene (PCE)	VOC	5	11

GW-02			
Constituent	Category	Class GA Values	RESULT (µg/L)
cis-1,2-Dichloroethene	VOC	5	16
Tetrachloroethene (PCE)	VOC	5	46
Trichloroethene (TCE)	VOC	5	9.3

LEGEND

- Location of historic soil and groundwater sample collected by Enviroscience Consultants, Inc. during Phase II ESA in 2010.
- Site Boundary
- WCD Soil Boring Sampling Location and Identification Number
- WCD Soil Boring, Vapor and Groundwater Sampling Location and Identification Number

NOTES

-NC = No Criterion
- Exceedances of naturally occurring metals are not shown
- Sampling included the following:
  - Four (4) soil borings
  - Three (3) soil vapor samples
  - Three (3) groundwater samples

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Summary of Exceedances of Groundwater Class GA Values

FIGURE 5

Source: Google Earth

TABLES

Table 1
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	NY-CP51	Restricted Residential Use SCOs	Unrestricted Use SCOs	WCD-SB-01 (1-4)	WCD-SB-01 (10-13)	WCD-SB-01 (30-31)	WCD-SB-01 (30-31)	WCD-SB-01 (33-35)	WCD-SB-02 (1-4)	WCD-SB-02 (10-13)	WCD-SB-02 (25-30)	WCD-SB-03 (1-4)	WCD-SB-03 (10-13)	WCD-SB-04 (1-4)	WCD-SB-04 (10-13)
SAMPLING DATE				12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/5/2014	12/5/2014
LAB SAMPLE ID				L1429291-03	L1429291-04	L1429291-05	L1429291-05 R1	L1429291-06	L1429136-01	L1429136-02	L1429136-03	L1429136-04	L1429136-05	L1429291-01	L1429291-02
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,1,1-Trichloroethane	NC	100	0.68	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,1,2,2-Tetrachloroethane	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,1,2-Trichloroethane	NC	NC	NC	0.0015 U	0.0018 U	0.35 U	-	0.0018 U	0.0018 U	0.0017 U	18 U	0.11 U	0.0018 U	0.0016 U	0.0024 U
1,1-Dichloroethane	NC	26	0.27	0.0015 U	0.0018 U	0.35 U	-	0.0018 U	0.0018 U	0.0017 U	18 U	0.11 U	0.0018 U	0.0016 U	0.0024 U
1,1-Dichloroethene	NC	100	0.33	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,1-Dichloropropene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2,3-Trichlorobenzene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2,3-Trichloropropane	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
1,2,4,5-Tetramethylbenzene	NC	NC	NC	0.004 U	0.0049 U	25	-	0.0014 J	0.0049 U	0.001 J	140	0.29 U	0.0047 U	0.0044 U	0.0063 U
1,2,4-Trichlorobenzene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.005 U	0.0062 U	**79** **E**	**84**	0.0019 J	0.0061 U	0.0056 U	**1100**	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2-Dibromo-3-chloropropane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2-Dibromoethane	NC	NC	NC	0.004 U	0.0049 U	0.93 U	-	0.0047 U	0.0049 U	0.0045 U	47 U	0.29 U	0.0047 U	0.0044 U	0.0063 U
1,2-Dichlorobenzene	NC	100	1.1	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,2-Dichloroethane	NC	3.1	0.02	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,2-Dichloroethene (total)	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,2-Dichloropropane	NC	NC	NC	0.0035 U	0.0043 U	0.81 U	-	0.0041 U	0.0042 U	0.0039 U	41 U	0.25 U	0.0041 U	0.0039 U	0.0055 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.005 U	0.0062 U	**26**	-	0.0058 U	0.0061 U	0.0056 U	**290**	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,3-Dichlorobenzene	NC	49	2.4	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,3-Dichloropropane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,3-Dichloropropene, Total	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
1,4-Dichlorobenzene	NC	13	1.8	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
1,4-Diethylbenzene	NC	NC	NC	0.004 U	0.0049 U	64	-	0.002 J	0.0049 U	0.00024 J	420	0.29 U	0.0047 U	0.0044 U	0.0063 U
1,4-Dioxane	NC	13	0.1	0.1 U	0.12 U	23 U	-	0.12 U	0.12 U	0.11 U	1200 U	7.2 U	0.12 U	0.11 U	0.16 U
2,2-Dichloropropane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
2-Butanone	NC	100	0.12	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.0045 J	120 U	0.72 U	0.012 U	0.011 U	0.016 U
2-Hexanone	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
4-Ethyltoluene	NC	NC	NC	0.004 U	0.0049 U	31	-	0.00072 J	0.0049 U	0.00028 J	660	0.022 J	0.0047 U	0.0044 U	0.0063 U
4-Methyl-2-pentanone	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Acetone	NC	100	0.05	0.008 J	0.012 U	2.3 U	-	0.0087 J	0.0027 J	0.034	120 U	0.72 U	0.0028 J	0.011 U	0.016 U
Acrylonitrile	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Benzene	0.06	4.8	0.06	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Bromobenzene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Bromochloromethane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Bromodichloromethane	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Bromoform	NC	NC	NC	0.004 U	0.0049 U	0.93 U	-	0.0047 U	0.0049 U	0.0045 U	47 U	0.29 U	0.0047 U	0.0044 U	0.0063 U
Bromomethane	NC	NC	NC	0.002 U	0.0025 U	0.46 U	-	0.0023 U	0.0024 U	0.0022 U	24 U	0.14 U	0.0023 U	0.0022 U	0.0032 U
Carbon disulfide	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Carbon tetrachloride	NC	2.4	0.76	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Chlorobenzene	NC	100	1.1	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Chloroethane	NC	NC	NC	0.002 U	0.0025 U	0.46 U	-	0.0023 U	0.0024 U	0.0022 U	24 U	0.14 U	0.0023 U	0.0022 U	0.0032 U
Chloroform	NC	49	0.37	0.0015 U	0.0018 U	0.35 U	-	0.0018 U	0.0018 U	0.0017 U	18 U	0.11 U	0.0018 U	0.0016 U	0.0024 U
Chloromethane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
cis-1,2-Dichloroethene	NC	100	0.25	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
cis-1,3-Dichloropropene	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Dibromochloromethane	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Dibromomethane	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Dichlorodifluoromethane	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Ethyl ether	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Ethylbenzene	1	41	1	0.001 U	0.0012 U	**7**	-	0.0012 U	0.0012 U	0.0011 U	**110**	0.072 U	0.0012 U	0.0011 U	0.0016 U
Hexachlorobutadiene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Isopropylbenzene	2.3	NC	NC	0.001 U	0.0012 U	**2.6**	-	0.00099 J	0.0012 U	0.0011 U	**26**	0.072 U	0.0012 U	0.0011 U	0.0016 U
Methyl tert butyl ether	0.93	100	0.93	0.002 U	0.0025 U	0.46 U	-	0.0023 U	0.0024 U	0.0022 U	24 U	0.14 U	0.0023 U	0.0022 U	0.0032 U
Methylene chloride	NC	100	0.05	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
n-Butylbenzene	12	100	12	0.001 U	0.0012 U	8.5	-	0.0012 U	0.0012 U	0.0011 U	**51**	0.072 U	0.0012 U	0.0011 U	0.0016 U
n-Propylbenzene	3.9	100	3.9	0.001 U	0.0012 U	**11**	-	0.0013	0.0012 U	0.0011 U	**120**	0.072 U	0.0012 U	0.0011 U	0.0016 U
Naphthalene	12	100	12	0.005 U	0.0062 U	**13**	-	0.00074 J	0.0061 U	0.0056 U	**160**	0.36 U	0.0058 U	0.0055 U	0.0079 U
o-Chlorotoluene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
o-Xylene	0.26	NC	NC	0.002 U	0.0025 U	**0.42** **J**	-	0.0023 U	0.0024 U	0.0022 U	**89**	0.14 U	0.0023 U	0.0022 U	0.0032 U
p-Chlorotoluene	0.26	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
p-Isopropyltoluene	10	NC	NC	0.001 U	0.0012 U	2.9	-	0.0012 U	0.0012 U	0.0011 U	**12**	0.072 U	0.0012 U	0.0011 U	0.0016 U
p/m-Xylene	0.26	NC	NC	0.002 U	0.0025 U	**24**	-	0.0011 J	0.0024 U	0.0022 U	**510**	0.14 U	0.0023 U	0.0022 U	0.0032 U
sec-Butylbenzene	11	100	11	0.001 U	0.0012 U	2.9	-	0.0012 U	0.0012 U	0.0011 U	**17**	0.072 U	0.0012 U	0.0011 U	0.0016 U
Styrene	NC	NC	NC	0.002 U	0.0025 U	0.46 U	-	0.0023 U	0.0024 U	0.0022 U	24 U	0.14 U	0.0023 U	0.0022 U	0.0032 U
tert-Butylbenzene	5.9	100	5.9	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Tetrachloroethene (PCE)	NC	19	1.3	0.0025	0.0012 U	0.23 U	-	0.0012 U	0.0011 J	0.011	12 U	**3**	0.0012 U	0.0011 U	0.00035 J
Toluene	0.7	100	0.7	0.0015 U	0.0018 U	0.35 U	-	0.0018 U	0.0018 U	0.0017 U	18 U	0.11 U	0.0018 U	0.0016 U	0.0024 U
trans-1,2-Dichloroethene	NC	100	0.19	0.0015 U	0.0018 U	0.35 U	-	0.0018 U	0.0018 U	0.0017 U	18 U	0.11 U	0.0018 U	0.0016 U	0.0024 U
trans-1,3-Dichloropropene	NC	NC	NC	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
trans-1,4-Dichloro-2-butene	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Trichloroethene	NC	21	0.47	0.001 U	0.0012 U	0.23 U	-	0.0012 U	0.0012 U	0.0011 U	12 U	0.072 U	0.0012 U	0.0011 U	0.0016 U
Trichlorofluoromethane	NC	NC	NC	0.005 U	0.0062 U	1.2 U	-	0.0058 U	0.0061 U	0.0056 U	59 U	0.36 U	0.0058 U	0.0055 U	0.0079 U
Vinyl acetate	NC	NC	NC	0.01 U	0.012 U	2.3 U	-	0.012 U	0.012 U	0.011 U	120 U	0.72 U	0.012 U	0.011 U	0.016 U
Vinyl chloride	NC	0.9	0.02	0.002 U	0.0025 U	0.46 U	-	0.0023 U	0.0024 U	0.0022 U	24 U	0.14 U	0.0023 U	0.0022 U	0.0032 U
Xylene (Total)	0.26	100	0.26	0.002 U	0.0025 U	**24** **J**	-	0.0011 J	0.0024 U	0.0022 U	**600**	0.14 U	0.0023 U	0.0022 U	0.0032 U

Notes:
U - Not detected at the reported detection limit for the sample
J - Estimated Value
E - Concentration exceeds the range of calibratior
P - The relative percentage difference between the results for the two columns exceeds the method-specific criter
I - The lower value for the two columns has been reported due to obvious interference
SCO - Soil Cleanup Objective
NC - No criterion
mg/kg = milligrams per kilogram
Gray shading with black bolded text values exceed Unrestricted Use SCOs and/or N
Yellow shading with black bolded text values exceed NY-CP5

Table 2
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	NY-CP51	Restricted Residential Use SCOs	Unrestricted Use SCOs	WCD-SB-01 (1-4)		WCD-SB-01 (10-13)		WCD-SB-01 (30-31)		WCD-SB-01 (33-35)		WCD-SB-02 (1-4)		WCD-SB-02 (10-13)		WCD-SB-02 (25-30)		WCD-SB-02 (25-30)		WCD-SB-03 (1-4)		WCD-SB-03 (10-13)		WCD-SB-04 (1-4)		WCD-SB-04 (10-13)	
SAMPLING DATE				12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID				L1429291-03		L1429291-04		L1429291-05		L1429291-06		L1429136-01		L1429136-02		L1429136-03		L1429136-03 R1		L1429136-04		L1429136-05		L1429291-01		L1429291-02	
UNITS	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,2,4,5-Tetrachlorobenzene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
1,2,4-Trichlorobenzene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
1,2-Dichlorobenzene	NC	100	1.1	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
1,3-Dichlorobenzene	NC	49	2.4	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
1,4-Dichlorobenzene	NC	13	1.8	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2,4,5-Trichlorophenol	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2,4,6-Trichlorophenol	NC	NC	NC	0.52	U	0.1	U	0.11	U	0.12	U	0.11	U	0.1	U	0.11	U	-		0.11	U	0.1	U	0.22	U	0.1	U
2,4-Dichlorophenol	NC	NC	NC	0.78	U	0.15	U	0.16	U	0.18	U	0.16	U	0.16	U	0.16	U	-		0.17	U	0.15	U	0.33	U	0.15	U
2,4-Dimethylphenol	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2,4-Dinitrophenol	NC	NC	NC	4.1	U	0.82	U	0.88	U	0.94	U	0.87	U	0.84	U	0.85	U	-		0.89	U	0.82	U	1.8	U	0.81	U
2,4-Dinitrotoluene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2,6-Dinitrotoluene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2-Chloronaphthalene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2-Chlorophenol	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2-Methylnaphthalene	NC	NC	NC	1	U	0.2	U	0.91		0.24	U	0.22	U	0.21	U	22	E	27		0.22	U	0.2	U	0.44	U	0.2	U
2-Methylphenol	NC	100	0.33	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2-Nitroaniline	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
2-Nitrophenol	NC	NC	NC	1.9	U	0.37	U	0.4	U	0.42	U	0.39	U	0.38	U	0.38	U	-		0.4	U	0.37	U	0.79	U	0.36	U
3,3'-Dichlorobenzidine	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
3-Methylphenol/4-Methylphenol	NC	100	0.33	1.2	U	0.25	U	0.26	U	0.28	U	0.26	U	0.25	U	0.26	U	-		0.27	U	0.24	U	0.53	U	0.24	U
3-Nitroaniline	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
4,6-Dinitro-o-cresol	NC	NC	NC	2.2	U	0.44	U	0.48	U	0.51	U	0.47	U	0.46	U	0.46	U	-		0.48	U	0.44	U	0.95	U	0.44	U
4-Bromophenyl phenyl ether	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
4-Chloroaniline	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
4-Chlorophenyl phenyl ether	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
4-Nitroaniline	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
4-Nitrophenol	NC	NC	NC	1.2	U	0.24	U	0.26	U	0.28	U	0.25	U	0.24	U	0.25	U	-		0.26	U	0.24	U	0.51	U	0.24	U
Acenaphthene	20	100	20	0.69	U	0.14	U	0.15	U	0.16	U	0.14	U	0.14	U	0.11	J	-		0.15	U	0.14	U	0.29	U	0.14	U
Acenaphthylene	100	100	100	0.69	U	0.14	U	0.15	U	0.16	U	0.14	U	0.14	U	0.14	U	-		0.15	U	0.14	U	0.19	J	0.14	U
Acetophenone	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Anthracene	100	100	100	0.52	U	0.1	U	0.11	U	0.12	U	0.11	U	0.1	U	0.08	J	-		0.11	U	0.1	U	0.17	J	0.1	U
Benzo(a)anthracene	1	1	1	0.52	U	0.1	U	0.11	U	0.12	U	0.065	J	0.1	U	0.04	J	-		0.055	J	0.1	U	0.24		0.039	J
Benzo(a)pyrene	1	1	1	0.69	U	0.14	U	0.15	U	0.16	U	0.065	J	0.14	U	0.14	U	-		0.061	J	0.14	U	0.3		0.14	U
Benzo(b)fluoranthene	1	1	1	0.52	U	0.1	U	0.11	U	0.12	U	0.088	J	0.1	U	0.11	U	-		0.059	J	0.1	U	0.44		0.058	J
Benzo(ghi)perylene	100	100	100	0.69	U	0.14	U	0.15	U	0.16	U	0.051	J	0.14	U	0.14	U	-		0.042	J	0.14	U	0.2	J	0.14	U
Benzo(k)fluoranthene	0.8	3.9	0.8	0.52	U	0.1	U	0.11	U	0.12	U	0.11	U	0.1	U	0.11	U	-		0.052	J	0.1	U	0.16	J	0.1	U
Benzoic Acid	NC	NC	NC	2.8	U	0.55	U	0.59	U	0.64	U	0.59	U	0.57	U	0.58	U	-		0.6	U	0.55	U	1.2	U	0.55	U
Benzyl Alcohol	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Biphenyl	NC	NC	NC	2	U	0.39	U	0.42	U	0.45	U	0.41	U	0.4	U	0.28	J	-		0.42	U	0.39	U	0.84	U	0.39	U
Bis(2-chloroethoxy)methane	NC	NC	NC	0.93	U	0.18	U	0.2	U	0.21	U	0.2	U	0.19	U	0.19	U	-		0.2	U	0.18	U	0.4	U	0.18	U
Bis(2-chloroethyl)ether	NC	NC	NC	0.78	U	0.15	U	0.16	U	0.18	U	0.16	U	0.16	U	0.16	U	-		0.17	U	0.15	U	0.33	U	0.15	U
Bis(2-chloroisopropyl)ether	NC	NC	NC	1	U	0.2	U	0.22	U	0.24	U	0.22	U	0.21	U	0.21	U	-		0.22	U	0.2	U	0.44	U	0.2	U
Bis(2-Ethylhexyl)phthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.25	J	0.31	
Butyl benzyl phthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.25	J	0.17	U
Carbazole	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Chrysene	1	3.9	1	0.52	U	0.1	U	0.11	U	0.12	U	0.062	J	0.1	U	0.11	U	-		0.075	J	0.1	U	0.28		0.043	J
Di-n-butylphthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Di-n-octylphthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.52	U	0.1	U	0.11	U	0.12	U	0.11	U	0.1	U	0.11	U	-		0.11	U	0.1	U	0.22	U	0.1	U
Dibenzofuran	NC	59	7	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Diethyl phthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Dimethyl phthalate	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Fluoranthene	100	100	100	0.52	U	0.1	U	0.11	U	0.12	U	0.096	J	0.1	U	0.069	J	-		0.12		0.1	U	0.32		0.064	J
Fluorene	30	100	30	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18		-		0.18	U	0.17	U	0.37	U	0.17	U
Hexachlorobenzene	NC	1.2	0.33	0.52	U	0.1	U	0.11	U	0.12	U	0.11	U	0.1	U	0.11	U	-		0.11	U	0.1	U	0.22	U	0.1	U
Hexachlorobutadiene	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Hexachlorocyclopentadiene	NC	NC	NC	2.5	U	0.49	U	0.52	U	0.56	U	0.52	U	0.5	U	0.51	U	-		0.53	U	0.49	U	1	U	0.48	U
Hexachloroethane	NC	NC	NC	0.69	U	0.14	U	0.15	U	0.16	U	0.14	U	0.14	U	0.14	U	-		0.15	U	0.14	U	0.29	U	0.14	U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.5	0.69	U	0.14	U	0.15	U	0.16	U	0.057	J	0.14	U	0.14	U	-		0.041	J	0.14	U	0.22	J	0.14	U
Isophorone	NC	NC	NC	0.78	U	0.15	U	0.16	U	0.18	U	0.16	U	0.16	U	0.16	U	-		0.17	U	0.15	U	0.33	U	0.15	U
n-Nitrosodi-n-propylamine	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Naphthalene	12	100	12	0.86	U	0.17	U	1		0.2	U	0.18	U	0.18	U	24	E	34		0.18	U	0.17	U	0.37	U	0.17	U
Nitrobenzene	NC	15	NC	0.78	U	0.15	U	0.16	U	0.18	U	0.16	U	0.16	U	0.16	U	-		0.17	U	0.15	U	0.33	U	0.15	U
NitrosoDiPhenylAmine(NDPA)/DPA	NC	NC	NC	0.69	U	0.14	U	0.15	U	0.16	U	0.14	U	0.14	U	0.14	U	-		0.15	U	0.14	U	0.29	U	0.14	U
P-Chloro-M-Cresol	NC	NC	NC	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Pentachlorophenol	NC	6.7	0.8	0.69	U	0.14	U	0.15	U	0.16	U	0.14	U	0.14	U	0.14	U	-		0.15	U	0.14	U	0.29	U	0.14	U
Phenanthrene	100	100	100	0.52	U	0.1	U	0.11	U	0.12	U	0.052	J	0.1	U	0.3		-		0.063	J	0.1	U	0.099	J	0.1	U
Phenol	NC	100	0.33	0.86	U	0.17	U	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	-		0.18	U	0.17	U	0.37	U	0.17	U
Pyrene	100	100	100	0.52	U	0.1	U	0.11	U	0.12	U	0.084	J	0.1	U	0.11		-		0.11		0.1	U	0.43		0.063	J

Notes:
U - Not detected at the reported detection limit for the sample.
J - Estimated Value
E - Concentration exceeds the range of calibration.
P - The relative percentage difference between the results for the two columns exceeds the method-specific criteria.
I - The lower value for the two columns has been reported due to obvious interference.
SCO - Soil Cleanup Objective
NC - No criterion
mg/kg = milligrams per kilogram
Gray shading with black bolded text values exceed Unrestricted Use SCOs and/or NY-CP51
Yellow shading with black bolded text values exceed NY-CP51

Table 3
Summary of Soil Sampling Analytical Results for
TAL Metals
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Restricted Residential Use SCOs	Unrestricted Use SCOs	WCD-SB-01 (1-4)		WCD-SB-01 (10-13)		WCD-SB-01 (30-31)		WCD-SB-01 (33-35)		WCD-SB-02 (1-4)		WCD-SB-02 (10-13)		WCD-SB-02 (25-30)		WCD-SB-03 (1-4)		WCD-SB-03 (10-13)		WCD-SB-04 (1-4)		WCD-SB-04 (10-13)	
SAMPLING DATE			12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID			L1429291-03		L1429291-04		L1429291-05		L1429291-06		L1429136-01		L1429136-02		L1429136-03		L1429136-04		L1429136-05		L1429291-01		L1429291-02	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
UNITS	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Aluminum, Total	NC	NC	5000		4600		3600		2600		8000		5300		2600		12000		3400		8100		5500	
Antimony, Total	NC	NC	4.1	U	4	U	4.2	U	4.7	U	4.2	U	4.3	U	4.1	U	4.4	U	4	U	4.3	U	4	U
Arsenic, Total	16	13	4.3		3		3.1		1.7		7.4		4.1		2.1		5.8		3.1		4		3	
Barium, Total	400	350	63		23		24		17		56		32		16		70		25		38		28	
Beryllium, Tota	72	7.2	0.2	J	0.39	J	0.26	J	0.17	J	0.4	J	0.29	J	0.16	J	0.34	J	0.24	J	0.38	J	0.35	J
Cadmium, Total	4.3	2.5	0.08	J	0.8	U	0.85	U	0.94	U	0.84	U	0.85	U	0.82	U	0.88	U	0.8	U	0.86	U	0.81	U
Calcium, Total	NC	NC	14000		450		2500		460		8000		1300		630		960		520		3600		2300	
Chromium, Total	NC	NC	12		12		12		7.1		12		10		10		14		9.7		13		12	
Chromium, Hexavalent	110	1	0.85	U	0.85	U	0.89	U	0.96	U	0.88	U	0.86	U	0.87	U	0.9	U	0.82	U	0.9	U	0.83	U
Cyanide, Total	27	27	0.3	J	1	U	1.1	U	1.1	U	1	U	1	U	1.1	U	1.1	U	0.94	U	0.28	J	0.98	U
Cobalt, Total	NC	NC	3.8		5.3		4.7		3.9		4.6		5.4		4.7		4.3		5.8		5		4.5	
Copper, Total	270	50	20		13		11		7.4		30		18		7.6		9.2		9.2		12		15	
Iron, Total	NC	NC	8600		11000		8800		7400		11000		10000		6900		14000		8800		11000		8900	
Lead, Total	400	63	**120**		5.2		12		3.6	J	**84**		18		7.6		**65**		3.8	J	25		11	
Magnesium, Tota	NC	NC	5300		1900		2900		1900		2000		1900		1800		1600		1500		2300		2800	
Manganese, Tota	2000	1600	170		210		370		140		200		310		60		180		280		250		220	
Mercury, Total	0.81	0.18	0.06	J	0.07	U	0.08	U	0.08	U	0.14		0.07	U	0.08	U	0.12		0.07	U	0.06	J	0.07	U
Nickel, Total	310	30	12		**37**		**38**		**32**		24		26		**49**		12		**34**		16		**30**	
Potassium, Total	NC	NC	470		460		590		390		750		500		530		410		330		640		620	
Selenium, Total	180	3.9	1.6	U	1.6	U	1.7	U	1.9	U	1.7	U	1.7	U	1.6	U	1.8	U	1.6	U	1.7	U	1.6	U
Silver, Total	180	2	0.82	U	0.8	U	0.85	U	0.94	U	0.84	U	0.85	U	0.82	U	0.88	U	0.8	U	0.86	U	0.81	U
Sodium, Total	NC	NC	280		93	J	250		93	J	440		95	J	79	J	140	J	58	J	180		160	
Thallium, Tota	NC	NC	1.6	U	1.6	U	1.7	U	1.9	U	1.7	U	1.7	U	1.6	U	1.8	U	1.6	U	0.4	J	1.6	U
Vanadium, Total	NC	NC	17		13		13		10		17		14		14		21		12		18		16	
Zinc, Total	10000	109	**110**		23		30		18		62		26		18		63		18		41		28	

Notes:
U - Not detected at the reported detection limit for the sample
J - Estimated Value
E - Concentration exceeds the range of calibration
P - The relative percentage difference between the results for the two columns exceeds the method-specific criteri
I - The lower value for the two columns has been reported due to obvious interference
SCO - Soil Cleanup Objective
NC - No criterion
mg/kg = milligrams per kilogram
Gray shading with black bolded text values exceed Unrestricted Use SCC

Table 4
Summary of Soil Sampling Analytical Results for
Pesticides
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Restricted Residential Use SCOs	Unrestricted Use SCOs	WCD-SB-01 (1-4)		WCD-SB-01 (10-13)		WCD-SB-01 (30-31)		WCD-SB-01 (33-35)		WCD-SB-02 (1-4)		WCD-SB-02 (10-13)		WCD-SB-02 (25-30)		WCD-SB-03 (1-4)		WCD-SB-03 (10-13)		WCD-SB-04 (1-4)		WCD-SB-04 (10-13)	
SAMPLING DATE			12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID			L1429291-03		L1429291-04		L1429291-05		L1429291-06		L1429136-01		L1429136-02		L1429136-03		L1429136-04		L1429136-05		L1429291-01		L1429291-02	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
UNITS	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
4,4'-DDD	13	0.0033	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
4,4'-DDE	8.9	0.0033	0.000805	J	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
4,4'-DDT	7.9	0.0033	0.00219	J	0.00306	U	0.00321	U	0.00344	U	0.00297	J	0.00313	U	0.00314	U	0.0033	U	0.003	U	0.0032	U	0.00302	U
Aldrin	0.097	0.005	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Alpha-BHC	0.48	0.02	0.00069	U	0.00068	U	0.000713	U	0.000765	U	0.000698	U	0.000695	U	0.000698	U	0.000734	U	0.000667	U	0.000711	U	0.00067	U
Beta-BHC	0.36	0.036	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Chlordane	NC	NC	0.0135	U	0.0132	U	0.0139	U	0.0149	U	0.0136	U	0.0135	U	0.0136	U	0.0143	U	0.013	U	0.0139	U	0.0202	PI
cis-Chlordane	4.2	0.094	0.00207	U	0.00204	U	0.00214	U	0.00229	U	0.00209	U	0.00208	U	0.00209	U	0.0022	U	0.002	U	0.00213	U	0.00136	J
Delta-BHC	100	0.04	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Dieldrin	0.2	0.005	0.00104	U	0.00102	U	0.00107	U	0.00115	U	0.00105	U	0.00104	U	0.00105	U	0.0011	U	0.001	U	0.00107	U	0.00114	P
Endosulfan I	24	2.4	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Endosulfan II	24	2.4	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Endosulfan sulfate	24	2.4	0.00069	U	0.00068	U	0.000713	U	0.000765	U	0.000698	U	0.000695	U	0.000698	U	0.000734	U	0.000667	U	0.000711	U	0.00067	U
Endrin	11	0.014	0.00069	U	0.00068	U	0.000713	U	0.000765	U	0.000698	U	0.000695	U	0.000698	U	0.000734	U	0.000667	U	0.000711	U	0.00067	U
Endrin ketone	NC	NC	0.00166	U	0.00163	U	0.00171	U	0.00184	U	0.00168	U	0.00167	U	0.00167	U	0.00176	U	0.0016	U	0.00171	U	0.00161	U
Heptachlor	2.1	0.042	0.000829	U	0.000816	U	0.000856	U	0.000918	U	0.000838	U	0.000834	U	0.000837	U	0.00088	U	0.0008	U	0.000853	U	0.00133	
Heptachlor epoxide	NC	NC	0.00311	U	0.00306	U	0.00321	U	0.00344	U	0.00314	U	0.00313	U	0.00314	U	0.0033	U	0.003	U	0.0032	U	0.00302	U
Lindane	1.3	0.1	0.00069	U	0.00068	U	0.000713	U	0.000765	U	0.000698	U	0.000695	U	0.000698	U	0.000734	U	0.000667	U	0.000711	U	0.00067	U
Methoxychlor	NC	NC	0.00311	U	0.00306	U	0.00321	U	0.00344	U	0.00314	U	0.00313	U	0.00314	U	0.0033	U	0.003	U	0.0032	U	0.00302	U
Toxaphene	NC	NC	0.0311	U	0.0306	U	0.0321	U	0.0344	U	0.0314	U	0.0313	U	0.0314	U	0.033	U	0.03	U	0.032	U	0.0302	U
trans-Chlordane	NC	NC	0.00207	U	0.00204	U	0.00214	U	0.00229	U	0.00209	U	0.00208	U	0.00209	U	0.0022	U	0.002	U	0.00213	U	0.00206	PI

Notes:
U - Not detected at the reported detection limit for the sample.
J - Estimated Value
E - Concentration exceeds the range of calibration.
P - The relative percentage difference between the results for the two columns exceeds the method-specific criteria.
I - The lower value for the two columns has been reported due to obvious interference.
SCO - Soil Cleanup Objective
NC - No criterion
mg/kg = milligrams per kilogram
Gray shading with black bolded text values exceed Unrestricted Use SCOs

Table 5
Summary of Soil Sampling Analytical Results for
Polychlorinated Biphenyls
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Restricted Residential Use SCOs	Unrestricted Use SCOs	WCD-SB-01 (1-4)		WCD-SB-01 (10-13)		WCD-SB-01 (30-31)		WCD-SB-01 (33-35)		WCD-SB-02 (1-4)		WCD-SB-02 (10-13)		WCD-SB-02 (25-30)		WCD-SB-03 (1-4)		WCD-SB-03 (10-13)		WCD-SB-04 (1-4)		WCD-SB-04 (10-13)	
SAMPLING DATE			12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/4/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID			L1429291-03		L1429291-04		L1429291-05		L1429291-06		L1429136-01		L1429136-02		L1429136-03		L1429136-04		L1429136-05		L1429291-01		L1429291-02	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
UNITS	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Aroclor 1016	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
Aroclor 1221	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
Aroclor 1232	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
Aroclor 1242	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0172	J	0.0331	U
Aroclor 1248	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
Aroclor 1254	1	0.1	0.0143	J	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0587		0.00879	J
Aroclor 1260	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.00774	J	0.0331	U
Aroclor 1262	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
Aroclor 1268	1	0.1	0.0337	U	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0357	U	0.0331	U
PCBs, Total	1	0.1	0.0143	J	0.0341	U	0.0362	U	0.0382	U	0.036	U	0.0349	U	0.0346	U	0.037	U	0.0338	U	0.0836	J	0.00879	J

Notes:
U - Not detected at the reported detection limit for the sample.
J - Estimated Value
E - Concentration exceeds the range of calibration.
P - The relative percentage difference between the results for the two columns exceeds the method-specific criteria.
I - The lower value for the two columns has been reported due to obvious interference.
SCO - Soil Cleanup Objective
NC - No criterion

Table 6
Summary of Groundwater Sampling Analytical Results for
Volatile Organic Compounds
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Class GA Values	TRIP BLANK		WCD-GW-01		WCD-GW-02		WCD-GW-03	
SAMPLING DATE		12/5/2014		12/5/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID		L1429291-07		L1429276-01		L1429276-02		L1429276-03	
UNITS	µg/L	µg/L		µg/L		µg/L		µg/L	
1,1,1,2-Tetrachloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	2.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	7.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	2.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	12	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	NC	2	U	41		2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	270		1.9	J	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	12	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	10	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	12	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	2.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	NC	2.5	U	12	U	16		2.5	U
1,2-Dichloropropane	1	1	U	5	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	68		2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	12	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	NC	0.5	U	2.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	12	U	2.5	U	2.5	U
1,4-Dioxane	NC	250	U	1200	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
2-Butanone	50	5	U	25	U	5	U	5	U
2-Hexanone	50	5	U	25	U	5	U	5	U
4-Methyl-2-pentanone	NC	5	U	25	U	5	U	5	U
Acetone	50	5	U	12	J	5	U	5	U
Acrylonitrile	5	5	U	25	U	5	U	5	U
Benzene	1	0.5	U	72		0.5	U	0.5	U
Bromobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	12	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Bromoform	50	2	U	10	U	2	U	2	U
Bromomethane	5	2.5	U	12	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	25	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	2.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	12	U	2.5	U	2.5	U
Chloroform	7	2.5	U	12	U	2.5	U	2.5	U
Chloromethane	NC	2.5	U	12	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	12	U	16		2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	2.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	25	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	25	U	5	U	5	U
Ethyl ether	NC	2.5	U	12	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	160		2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	12	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	25		2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	12	U	2.4	J	2.5	U
Methylene chloride	5	2.5	U	12	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	12		2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	40		2.5	U	2.5	U
Naphthalene	10	2.5	U	75		0.77	J	2.5	U
o-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	7.7	J	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
p-Diethylbenzene	NC	2	U	59		2	U	2	U
p-Ethyltoluene	NC	2	U	94		1.3	J	2	U
p-Isopropyltoluene	5	2.5	U	3.7	J	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	420		1	J	2.5	U
sec-Butylbenzene	5	2.5	U	5.3	J	2.5	U	2.5	U
Styrene	5	2.5	U	12	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	12	U	2.5	U	2.5	U
Tetrachloroethene (PCE)	5	0.5	U	2.5	U	46		11	
Toluene	5	2.5	U	5.8	J	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	12	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	2.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	12	U	2.5	U	2.5	U
Trichloroethene (TCE)	5	0.5	U	2.5	U	9.3		0.21	J
Trichlorofluoromethane	5	2.5	U	12	U	2.5	U	2.5	U
Vinyl acetate	NC	5	U	25	U	5	U	5	U
Vinyl chloride	2	1	U	5	U	0.38	J	1	U
Xylenes, Total	NC	2.5	U	430	J	1	J	2.5	U

Notes:
All results given in µg/L or parts per billion (ppb).
U - Not detected at indicated concentration
J - Estimated value
NC - No Criterion
Gray shading with black bolded text values exceed Class GA Values

Table 7
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Class GA Values	WCD-GW-01		WCD-GW-02		WCD-GW-03	
SAMPLING DATE		12/5/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID		L1429276-01		L1429276-02		L1429276-03	
UNITS	µg/L	µg/L		µg/L		µg/L	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U
2,4,5-Trichlorophenol	NC	5	U	5	U	5	U
2,4,6-Trichlorophenol	NC	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U
2-Chloronaphthalene	10	0.4	U	0.2	U	0.2	U
2-Chlorophenol	NC	2	U	2	U	2	U
2-Methylnaphthalene	NC	8.1		0.11	J	0.2	U
2-Methylphenol	NC	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U
2-Nitrophenol	NC	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	NC	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U
4,6-Dinitro-o-cresol	NC	10	U	10	U	10	U
4-Bromophenyl phenyl ether	NC	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	NC	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U
4-Nitrophenol	NC	10	U	10	U	10	U
Acenaphthene	20	0.4	U	0.2	U	0.2	U
Acenaphthylene	NC	0.4	U	0.2	U	0.2	U
Acetophenone	NC	5	U	5	U	5	U
Anthracene	50	0.4	U	0.2	U	0.2	U
Benzo(a)anthracene	0.002	0.4	U	0.2	U	0.2	U
Benzo(a)pyrene	NC	0.4	U	0.2	U	0.2	U
Benzo(b)fluoranthene	0.002	0.4	U	0.2	U	0.2	U
Benzo(ghi)perylene	NC	0.4	U	0.2	U	0.2	U
Benzo(k)fluoranthene	0.002	0.4	U	0.2	U	0.2	U
Benzoic Acid	NC	50	U	50	U	50	U
Benzyl Alcohol	NC	2	U	2	U	2	U
Biphenyl	5	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U
Bis(2-Ethylhexyl)phthalate	5	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U
Carbazole	NC	2	U	2	U	2	U
Chrysene	0.002	0.4	U	0.2	U	0.2	U
Dibenzo(a,h)anthracene	NC	0.4	U	0.2	U	0.2	U
Dibenzofuran	NC	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U
Di-n-butylphthalate	50	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U
Fluoranthene	50	0.4	U	0.2	U	0.2	U
Fluorene	50	0.4	U	0.2	U	0.2	U
Hexachlorobenzene	0.04	1.6	U	0.8	U	0.8	U
Hexachlorobutadiene	0.5	1	U	0.5	U	0.5	U
Hexachloroethane	5	1.6	U	0.8	U	0.8	U
Indeno(1,2,3-cd)Pyrene	0.002	0.4	U	0.2	U	0.2	U
Isophorone	50	1.2	J	1.4	J	0.8	J
Naphthalene	10	**36**		0.16	J	0.2	U
Nitrobenzene	0.4	2	U	2	U	2	U
NitrosoDiPhenylAmine(NDPA)/DPA	50	2	U	2	U	2	U
n-Nitrosodi-n-propylamine	NC	5	U	5	U	5	U
P-Chloro-M-Cresol	NC	2	U	2	U	2	U
Pentachlorophenol	1	1.6	U	0.8	U	0.8	U
Phenanthrene	50	0.4	U	0.2	U	0.2	U
Phenol	1	5	U	5	U	5	U
Pyrene	50	0.4	U	0.2	U	0.2	U

Notes:
All results given in µg/L or parts per billion (ppb).
U - Not detected at indicated concentration
J - Estimated value
Gray shading with black bolded text values exceed Class GA Values
NC - No Criterion

Table 8
Summary of Groundwater Sampling Analytical Results for
Total and Dissolved Metals
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Class GA Values	WCD-GW-01		WCD-GW-01		WCD-GW-02		WCD-GW-02		WCD-GW-03		WCD-GW-03	
SAMPLING DATE		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID		L1429276-01		L1429276-01 R1		L1429276-02		L1429276-02 R1		L1429276-03		L1429276-03 R1	
UNITS	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Dissolved Metals													
Aluminum, Dissolved	NC	-		2.64	J	-		4.42	J	-		1.85	J
Antimony, Dissolved	3	-		2.63	J	-		0.88	J	-		0.5	J
Arsenic, Dissolved	25	-		9.96		-		0.16	J	-		0.23	J
Barium, Dissolved	1000	-		180.4		-		67.36		-		88.59	
Beryllium, Dissolved	3	-		0.5	U	-		0.5	U	-		0.5	U
Cadmium, Dissolved	5	-		0.2	U	-		0.06	J	-		0.09	J
Calcium, Dissolved	NC	37700		-		49600		-		54600		-	-
Chromium, Dissolved	50	-		0.4	J	-		1	U	-		0.46	J
Cobalt, Dissolved	NC	-		1.46		-		1.29		-		1.05	
Copper, Dissolved	200	-		1	U	-		0.66	J	-		0.43	J
Iron, Dissolved	300	-		**29300**		-		23.6	J	-		50	U
Lead, Dissolved	25	-		0.87	J	-		1	U	-		1	U
Magnesium, Dissolved	35000	-		16300		-		22500		21100		-	-
Manganese, Dissolved	300	**5030**		-		**634**		-		-		**338.9**	
Mercury, Dissolved	0.7	0.2	U	-		0.2	U	-		0.2	U	-	-
Nickel, Dissolved	100	-		10.64		-		45.02		-		36	
Potassium, Dissolved	NC	-		3310		-		3360		-		3420	
Selenium, Dissolved	10	-		5	U	-		5	U	-		1.69	J
Silver, Dissolved	50	-		0.4	U	-		0.4	U	-		0.4	U
Sodium, Dissolved	20000	**125000**		-		**146000**		-		**142000**		-	-
Thallium, Dissolved	0.5	-		0.5	U	-		0.5	U	-		0.5	U
Vanadium, Dissolved	NC	-		5	U	-		5	U	-		5	U
Zinc, Dissolved	2000	-		10	U	-		10	U	-		10	U
Total Metals													
Aluminum, Total	NC	-		103		-		58		-		61.6	
Antimony, Total	3	-		0.2	J	-		0.18	J	-		2	U
Arsenic, Total	25	-		11.2		-		0.14	J	-		0.25	J
Barium, Total	1000	-		201.5		-		76.12		-		96.59	
Beryllium, Total	3	-		0.5	U	-		0.5	U	-		0.5	U
Cadmium, Total	5	-		0.06	J	-		0.07	J	-		0.2	U
Calcium, Total	NC	38800		-		52900		-		56700		-	-
Chromium, Total	50	-		1.84		-		1.12		-		1.34	
Cobalt, Total	NC	-		1.73		-		1.5		-		1.37	
Copper, Total	200	-		2.74		-		0.65	J	-		0.68	J
Iron, Total	300	-		**31400**		-		127		-		134	
Lead, Total	25	-		5.66		-		1	U	-		0.13	J
Magnesium, Total	35000	-		18000		-		24800		-		**43800**	
Manganese, Total	300	**5504**		-		**736.2**		-		**415.2**		-	-
Mercury, Total	0.7	0.2	U	-		0.2	U	-		0.2	U	-	-
Nickel, Total	100	-		13		-		48.73		-		40.16	
Potassium, Total	NC	-		4310		-		4090		-		4230	
Selenium, Total	10	-		5	U	-		5	U	-		1.96	J
Silver, Total	50	-		0.4	U	-		0.4	U	-		0.4	U
Sodium, Total	20000	**144000**		-		**160000**		-		**153000**		-	-
Thallium, Total	0.5	-		0.5	U	-		0.5	U	-		0.5	U
Vanadium, Total	NC	-		0.63	J	-		5	U	-		5	U
Zinc, Total	2000	-		3.65	J	-		2.85	J	-		3.2	J

Notes:
All results given in µg/L or parts per billion (ppb).
U - Not detected at indicated concentr
J - Estimated value
NC - No Criterion
Gray shading with black bolded text values exceed Class GA Values

Table 9
Summary of Groundwater Sampling Analytical Results for
Pesticides
1640 Flatbush Avenue, Brooklyn, NY 11210

LOCATION	Class GA Values	WCD-GW-01		WCD-GW-02		WCD-GW-03	
SAMPLING DATE		12/5/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID		L1429276-01		L1429276-02		L1429276-03	
UNITS	µg/L	µg/L		µg/L		µg/L	
4,4'-DDD	0.3	0.04	U	0.04	U	0.04	U
4,4'-DDE	0.2	0.04	U	0.04	U	0.04	U
4,4'-DDT	0.2	0.04	U	0.04	U	0.04	U
Aldrin	NC	0.02	U	0.02	U	0.02	U
Alpha-BHC	0.01	0.02	U	0.02	U	0.02	U
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.2	U	0.2	U	0.2	U
cis-Chlordane	NC	0.02	U	0.02	U	0.02	U
Delta-BHC	0.04	0.02	U	0.02	U	0.02	U
Dieldrin	0.004	0.04	U	0.04	U	0.04	U
Endosulfan I	NC	0.02	U	0.02	U	0.02	U
Endosulfan II	NC	0.04	U	0.04	U	0.04	U
Endosulfan sulfate	NC	0.04	U	0.04	U	0.04	U
Endrin	NC	0.04	U	0.04	U	0.04	U
Endrin ketone	5	0.04	U	0.04	U	0.04	U
Heptachlor	0.04	0.02	U	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U	0.02	U
Lindane	0.05	0.02	U	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.2	U	0.2	U
Toxaphene	0.06	0.2	U	0.2	U	0.2	U
trans-Chlordane	NC	0.02	U	0.02	U	0.02	U

Notes:
All results given in µg/L or parts per billion (ppb).
U - Not detected at indicated concentration
J - Estimated value
Gray shading with black bolded text values exceed Class GA Values
NC - No Criterion

Table 10
Summary of Groundwater Sampling Analytical Results for
Polychlorinated Biphenyls
1640 Flatbush Avenue, Brooklyn, New York

LOCATION	Class GA Values	WCD-GW-01		WCD-GW-02		WCD-GW-03	
SAMPLING DATE		12/5/2014		12/5/2014		12/5/2014	
LAB SAMPLE ID		L1429276-01		L1429276-02		L1429276-03	
UNITS	µg/L	µg/L		µg/L		µg/L	
Aroclor 1016	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1221	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1232	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1242	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1248	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1254	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1260	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1262	0.09	0.083	U	0.083	U	0.083	U
Aroclor 1268	0.09	0.083	U	0.083	U	0.083	U
PCBs, Total	0.09	0.083	U	0.083	U	0.083	U

Notes:
All results given in µg/L or parts per billion (ppb).
U - Not detected at indicated concentration
J - Estimated value
Gray shading with black bolded text values exceed Class GA Values
NC - No Criterion

Table 11
Summary of Soil Vapor Sampling Analytical Results for
Volatile Organic Compounds
1640 Flatbush Avenue, Brooklyn, NY 11210

	Soil Vapor			NYSDOH AGV	ASTM E 2600 Concentration in Existing Residences - 95th Percentile[1]	NYSDOH Fuel Oil 2003 Upper Fence Limit[2]		USEPA BASE Data 90th Percentile Value[2]		HEI RIOPA 2005 95th Percentile Value	
LOCATION	**WCD-SV-01**	**WCD-SV-02**	**WCD-SV-03**								
SAMPLING DATE	**12/4/2014**	**12/4/2014**	**12/4/2014**								
LAB SAMPLE ID	**L1429327-01**	**L1429164-01**	**L1429164-02**		Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor
UNITS	ug/m3	ug/m3	ug/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
1,1,1-Trichloroethane (TCA)	0.136 U	0.109 U	4.36 U	-	7.6 - 17	0.6	2.5	2.6	20.6	-	-
1,1,2,2-Tetrachloroethane	0.172 U	0.137 U	5.49 U	-	-	0.4	0.4	-	-	-	-
1,1,2-Trichloroethane	0.136 U	0.109 U	4.36 U	-	-	0.3	0.4	<1.6	<1.5	-	-
1,1-Dichloroethane	0.101 U	0.081 U	3.23 U	-	-	-	0.4	<0.6	<0.7	-	-
1,1-Dichloroethene	0.099 U	0.079 U	3.17 U	-	-	0.4	0.4	<1.4	<1.4	-	-
1,2,4-Trichlorobenzene	0.464 U	0.371 U	14.8 U	-	-	0.4	0.5	<6.4	<1.5	-	-
1,2,4-Trimethylbenzene	8.31	5.9	8.85	-	-	1.9	9.8	5.8	9.5	-	-
1,2-Dibromoethane	0.192 U	0.154 U	6.14 U	-	-	0.4	0.4	<1.6	<1.5	-	-
1,2-Dichlorobenzene	0.15 U	0.12 U	4.8 U	-	-	0.4	0.5	<1.2	<1.2	-	-
1,2-Dichloroethane	**1.35**	0.081 U	3.23 U	-	-	0.4	0.4	<0.8	<0.9	-	-
1,2-Dichloropropane	0.116 U	0.092 U	3.69 U	-	-	0.4	0.4	<1.6	<1.6	-	-
1,3,5-Trimethybenzene	2.45	1.66	**5.51**	-	-	0.7	3.9	2.7	3.7	-	-
1,3-Butadiene	**8.41**	**13.3**	**5.4**	-	-	-	-	<3.4	<3.0	-	-
1,3-Dichlorobenzene	0.15 U	0.12 U	4.8 U	-	-	0.4	0.5	<2.2	<2.4	-	-
1,4-Dichlorobenzene	0.15 U	0.12 U	4.8 U	-	-	0.5	1.2	1.2	5.5	-	-
1,4-Dioxane	0.45 U	0.36 U	14.4 U	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	201	23.1	56.5	-	-	-	-	-	-	-	-
2-Butanone	8.38	11.8	59 U	-	-	-	-	11.3	12.0	-	-
2-Hexanone	1.02 U	2.7	32.7 U	-	-	-	-	-	-	-	-
3-Chloropropene	0.783 U	0.626 U	25 U	-	-	-	-	-	-	-	-
4-Ethyltoluene	2.88	2.04	**4.71**	-	-	-	-	3.0	3.6	-	-
4-Methyl-2-pentanone	2.58	4.84	82 U	-	-	-	-	1.9	6.0	-	-
Acetone	**206**	107	190 U	-	-	30	115	43.7	98.9	19.6	45.8
Benzene	**16.7**	8.43	12.8 U	-	13	4.8	13	6.6	9.4	5.16	10
Benzyl chloride	1.29 U	1.04 U	41.4 U	-	-	-	-	<6.4	<6.8	-	-
Bromodichloromethane	0.167 U	0.134 U	5.35 U	-	-	-	-	-	-	-	-
Bromoform	0.258 U	0.207 U	8.26 U	-	-	-	-	-	-	-	-
Bromomethane	0.097 U	0.078 U	3.1 U	-	-	0.5	0.5	<1.6	<1.7	-	-
Carbon disulfide	**10.5**	**10.3**	24.9 U	-	-	-	-	3.7	4.2	-	-
Carbon tetrachloride	0.409	0.208	5.03 U	-	-	1.2	1.3	0.7	<1.3	1.0	1.1
Chlorobenzene	0.115 U	0.092 U	3.68 U	-	-	-	0.4	<0.8	<0.9	-	-
Chloroethane	0.319	0.277	2.11 U	-	-	0.4	0.4	<1.2	<1.1	-	-
Chloroform	**9.43**	0.361	3.9 U	-	-	0.5	1.2	0.6	1.1	0.76	6.34
Chloromethane	1.29 U	1.03 U	41.3 U	-	-	4.3	4.2	3.7	3.7	-	-
cis-1,2-Dichloroethene	0.428	0.167	3.17 U	-	-	0.4	0.4	<1.8	<1.9	-	-
cis-1,3-Dichloropropene	0.113 U	0.091 U	3.63 U	-	-	0.4	0.4	<2.2	<2.3	-	-
Cyclohexane	5.06	2.21	27.5 U	-	-	0.9	6.3	-	-	-	-
Dibromochloromethane	0.213 U	0.17 U	6.81 U	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	2.22	1.21	9.89 U	-	-	10	10	8.1	16.5	-	-
Ethanol	6.9	7.39	188 U	-	-	34	1,300	57.0	210.0	-	-
Ethyl Acetate	2.25 U	1.8 U	72.1 U	-	-			1.5	5.4	-	-
Ethylbenzene	8.64	8.95	**27.8**	-	13	1.0	6.4	3.5	5.7	3.04	7.62
Freon-113	0.556	0.491	15.3 U	-	-	-	-	-	-	-	-
Freon-114	0.437 U	0.349 U	14 U	-	-	-	-	-	-	-	-
Heptane	21.7	8.85	32.7 U	-	-	-	-	-	-	-	-
Hexachlorobutadiene	0.667 U	0.533 U	21.3 U	-	-	-	-	<6.4	<6.8	-	-
Isopropanol	3.59	2.42	49.2 U	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	0.315	0.072 U	2.88 U	-	-	-	14	6.2	11.5	22.1	36
Methylene chloride	4.34 U	3.47 U	139 U	60	-	1.6	16	6.1	10.0	2.46	7.5
n-Hexane	**21**	8.99	28.2 U	-	-	2.2	14	6.4	10.2	-	-
o-Xylene	**11.9**	**10.5**	**16**	-	6.9	1.2	7.1	4.6	7.9	3.23	7.24
p/m-Xylene	**34.4**	**28.7**	**85.6**	-	22	1.0	11	12.8	22.2	10	22.2
Styrene	0.46	0.468	3.4 U		-	0.5	1.4	1.3	1.9	1.29	5.13
Tetrachloroethene (PCE)	**188**	**216**	**6500**	30	4.9 - 6.8	0.7	2.5	6.5	15.9	3.17	6.01
Tetrahydrofuran	0.737 U	0.59 U	23.6 U	-	-	0.4	0.8	-	-	19.6	39.8
Toluene	55	13	11.3	-	29 - 49	5.1	57	33.7	43.0	19.6	39.8
trans-1,2-Dichloroethene	0.099 U	0.079 U	3.17 U	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.113 U	0.091 U	3.63 U	-	-	-	-	<1.4	<1.3		
Trichloroethene (TCE)	1.5	0.962	**5.15**	5	0.70 - 1.4	0.4	0.5	1.3	4.2	0.79	1.36
Trichlorofluoromethane	1.35	1.62	11.2 U	-	-	0.4	12	4.3	18.1	-	-
Vinyl bromide	1.09 U	0.874 U	34.9 U	-	-	-	-	-	-	-	-
Vinyl chloride	0.227	0.051 U	2.04 U	-	0.10	0.4	0.4	<1.8	<1.9	-	-

Notes:
µg/m3 = micrograms per cubic meter
U = Not detected at the reporting limit
-- = Not Available
Items shaded yellow and in bold font exceed the range of published background indoor air concentrations
Items shaded gray and in bold font equal or exceed NYSDOH AGVs
NYSDOH - New York State Department of Health
AGV - Air Guideline Value
ASTM - ASTM International
BASE - Building Assessment and Survey Evaluation
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Ai
(1) - From ASTM E 2600-08 "Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions
(2) - Per Appendix C of the Final NYSDOH Guidance.

ATTACHMENT A

REMEDIATION COST ESTIMATE

WCD GROUP
For pivotal matters.™

January 2, 2015

Mr. Peter Karellas
Senior Vice President
SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Re: Pre-Purchase Environmental Remediation Cost Estimate
1640 Flatbush Avenue, Brooklyn, NY 11210
(a.k.a., 3201-3211 Aurelia Court/1652 Flatbush Avenue)
Block 7577, Lot 60
WCD Project No. 14-7233

Dear Mr. Karellas:

At the request of SL Green Realty Corporation (SL Green), WCD Group, LLC (WCD) has prepared a remediation cost estimate to identify and quantify assumed potential environmental costs associated with the redevelopment of the property located at 1640 Flatbush Avenue (a.k.a., 3201-3211 Aurelia Court/1652 Flatbush Avenue), Brooklyn, NY 11210 (Block 7577, Lot 60) (hereafter referred to as the "Site"). This remediation cost estimate is based on the results of a Phase II Environmental Site Investigation (ESI) performed by WCD.

The Site is located at 1640 Flatbush Avenue, Brooklyn, Kings County, New York 11210 and is defined as Tax Block 7577, Lot 60 in the Borough of Brooklyn. The Site consists of an approximately 17,985-square foot triangular-shaped lot improved by a gasoline filling station and a one-story convenience store. The building occupies a footprint of approximately 1,000-square feet in the center of the lot. Surrounding the building are four (4) pump islands covered by a canopy. Based on review of Sanborn® fire insurance rate maps, the existing on-site building was constructed in 1993. The Site was historically occupied by several structures from at least 1930 including an automotive repair shop, 70 car parking garage, drycleaners, metal working shop and store. The New York City Department of City Planning (NYCDCP) zoning map indicates the Site is designated as zone C8-2, which is designated for commercial use.

Site Redevelopment Remediation Measures

Based on the results of the Phase II ESI performed by WCD, implementation of the remediation and environmental control measures listed below may be required and/or is recommended for the Site.

1. Based on the petroleum-related contamination identified in on-site soil and groundwater a spill should be reported to the New York State Department of Environmental Conservation.
2. Excavation and off-site disposal of approximately 7,993 cubic yards or 11,989 tons (assuming Site is 17,985-square feet and one cubic yard of soil weighs 1.5 tons) of petroleum-impacted historic fill to a depth of 12 feet bgs to allow construction activities to occur;
3. A Remedial Investigation consisting of the soil and groundwater sampling should be performed to locate the source of the elevated levels petroleum and chlorinated solvent compounds;
4. Implementation of Institutional Controls including a Site Management Plan and environmental easement; and

5. Implementation of Engineering Controls including a Site Cap and installation of a vapor barrier and passive sub-slab depressurization system (or ventilated cellar parking level).

If SL Green commits to redeveloping the property the liabilities associated with cleanup of the on-site petroleum release and further characterization and remediation of the potential off-site contamination should be considered.

Site Remediation – UST Removal, Petroleum-Impacted Historic Fill Soil Removal, Dewatering and Environmental Oversight

The cost estimate for the remediation measures uses the following assumptions:

- Five (5) active 4,000-gallon gasoline underground storage tanks (USTs) are present on-site;

- The five (5) USTs contain a combined total of 20,000-gallons of fuel oil;

- The Site redevelopment will be performed in accordance with the NYSDEC including performance of a remedial investigation including additional soil and groundwater delineation and preparation of Remedial Design for NYSDEC approval in the Spills Program.

- The Site development will consist of one on-site structure with a one story cellar. The proposed building will occupy an approximately 17,985 square-foot footprint and include a one story cellar beneath the entire building. It is assumed that soil excavation will occur to 12 feet bgs to allow construction of the building foundation.

- Approximately 7,933 cubic yards or 11,989 tons (assuming Site is 17,985-square feet, soil excavation will occur to 12 feet bgs and one cubic yard of soil weighs 1.5 tons) of petroleum-impacted historic fill material will be removed from the Site for off-site disposal. The estimated breakdown of soil disposal is provided below:

    - Historic Fill material – approximately 3,966 cubic yards or 5,950 tons (50% of total volume); and

    - Petroleum Impacted Historic Fill – approximately 3,966 cubic yards or 5,950 tons (50% of total volume).

- Decontamination pad construction and soil erosion and sediment controls maintenance.

- Dewatering will not be required for excavation.

- Soil characterization sampling is required by soil disposal facilities prior to acceptance of the material. The Site construction will generate approximately 7,933 cubic yards (11,989 tons) of material. WCD anticipates the collection of waste characterization samples at a frequency of one sample per 500 cubic yards (16 samples total).

- On-site environmental oversight is recommended during the Site remediation activities.

Site Remediation

Activity	Units	Rate	Total
Removal and disposal of oil for recycling	20,000 gallons	$1.00/gallon	$20,000
UST removal and decommissioning	Lump Sum	$75,000	$75,000
Construction Related Plan Preparation (CAMP, Noise, Dust, etc.)	Lump Sum	$25,000	$25,000
Soil Characterization Sampling	Lump Sum	$20,000	$20,000
NYSDEC Remedial Investigation	Lump Sum	$35,000	$35,000
Transportation and disposal of surficial historic fill (50% of total soil volume)	5,950 tons	$50/ton	297,500
Transportation and disposal of petroleum impacted historic fill (50% of total soil volume)	5,950 tons	$70/ton	416,500
End-point Soil Sampling and laboratory analysis for CP-51 VOCs and SVOCs	20 Samples	$250/Sample	$5,000
Vapor and Odor Control During Excavation	8 Weeks	$7,500/week	$60,000
CAMP Air Monitoring During Excavation	8 Weeks	$5,000/week	$40,000
Closure Reporting and Agency Liaison	Lump Sum	$15,000	$15,000
		Activity Total Cost	**$974,000**
		15% Contingency on all Costs	**$97,400**
		Total System Cost:	**$1,071,400**

First Engineering Control – Soil Vapor Barrier

The cost estimate for the vapor barrier is based on the following:

1. The proposed building will include a full basement.

2. Soil vapor barrier will consist of a Grace Preprufe[a] 300R and 160R Waterproofing System (or similar) a minimum of 20 mil thickness.

3. The area of the vapor barrier includes an assumed building footprint of approximately 17,985 square feet with a 12 foot deep basement with approximately 575 linear feet of foundation perimeter. Therefore, for cost estimating purposes, WCD has assumed that the total area to be covered by the vapor barrier is approximately 24,885 square feet to cover all vertical sub-grade foundation elements (including an assumed 12 foot sub-grade wall and a 575 foot building perimeter).

Vapor Barrier Cost Estimate

Activity	Units	Rate	Total
Install Vapor Barrier (Building footprint and sub-grade walls)	24,885 sf	$7.50/sf	$186,638
Engineering Design, Specifications, Drawings	Lump Sum	$20,000	$20,000
		Subtotal Estimated Project Costs	**$206,638**
		10% Contingency on all Costs	**$20,664**
		Total System Cost:	**$227,301**

Second Engineering Control – Active Sub-Slab Depressurization System (SSDS)

The cost estimate for the installation of an active SSDS is based on the following:

1. The building include a full basement.

2. The SSDS would underlie the entire 17,985-square foot footprint of the proposed building.

3. The major components of the system will consist of sub-slab pits embedded in a 12-inch thick layer of permeable aggregate, roof-mounted suction fan, and steel pipe risers.

4. One (1) sub-slab pit will be required for every 6,000-square feet of building footprint. Therefore, three sub-slab pits will be required. The sub-slab pit will be constructed of masonry block covered with 2-inch thick reinforced concrete planks.

5. Operations and maintenance (O&M) costs are not included.

Sub-Slab Depressurization System Cost Estimate

Activity	Units	Rate	Total Cost
Engineering Design, Specifications, Drawings, Data Evaluation, and Reporting Labor Expenses	Lump Sum	$20,000	$20,000
Non-Woven Drainage Geotextile	2,000 sy	$3/sy	$6,000
12 Inches of Gas Permeable Aggregate Backfill and Compaction	650 cy	$45/cy	$29,250
Suction Pits and Associated Sub-Slab Piping	3 each	$3,000/ea	$9,000
Roof-Mounted Suction Fans and Accessories	3 ea	$4,000/ea	$12,000
Monitoring Points	6 ea	$800/ea	$4,800
Testing	1 ea	$5,000/ea	$5,000
		Subtotal Estimated Project Costs	**$86,050**
		10% Contingency on all Costs	**$8,605**
		Total System Cost:	**$94,655**

Construction Management – Petroleum-Impacted, Soil Removal, Dewatering and Environmental Oversight

The cost estimate for the Construction Management is based on the following:

1. WCD will provide sub-contractor procurement and coordination support services including specification preparation support, request for information responses, bid analysis and award recommendations. WCD assumes an approximately 6 to 8 week bidding process.

2. WCD will provide an experienced full time Site Manager during subsurface soil excavation to oversee on-site activities, and track progress and subcontractor costs. WCD assumes an approximately 8-week duration for remediation.

3. WCD will provide project management services including project cost and schedule analysis, subcontractor management, and submittals reviews during the remediation portion of the construction activities.

Construction Management Cost Estimate

Activity	Units	Rate	Total
Sub-contractor Procurement and Coordination	Lump Sum	$20,000	$20,000
Site Supervision	40	$1,200/Day	$48,000
Project Management, Cost and Schedule Controls	8	$1,200/week	$9,600
Subtotal Estimated Project Costs			**$77,600**
10% Contingency on all Costs			**$7,760**
Total Cost:			**$85,360**

Total Engineering and Remediation Cost Estimate

Line Item Description	Cost
Remediation Activities (Site Plans, Remedial Investigation, Soil Removal, Air Monitoring, etc.)	**$1,071,400**
First Engineering Control (Soil Vapor Barrier)	**$227,301**
Second Engineering Control (Active Sub-Slab Depressurization System)	**$94,655**
Construction Management Services	**$85,360**
TOTAL	**$1,478,716**

A summary of the remedial cost estimate is provided as Table 1. The remedial cost estimate provided above is based on the results of the Phase II ESI performed by WCD. If requested, WCD will review additional Site information that may become available, and revise this cost estimate as necessary.

Please do not hesitate to contact me at 212-631-9000 with any questions or comments.

Respectfully submitted,
WCD GROUP, LLC

Wes Lindemuth

Wes D. Lindemuth, CHMM, ASP
Project Manger

c. E. Telemaque, WCD
J. Capritti, WCD
J. Blaney, WCD

Enclosures: Table 1 – Remedial Cost Estimate

TABLE 1

REMEDIAL COST ESTIMATE

Table 1
Pre-Purchase Environmental Remediation Cost Estimate
1640 Flatbush Avenue, Brooklyn, NY 11210
Block 7577, Lot 60

Work Item	Quantity	Unit	Unit Price	Total	Assumptions
I. Remediation					
Removal and disposal of oil for recycling	20,000	Gallon	$ 1	$ 20,000	Disposal of 20,000-gallons of gasoline from the on-site USTs
UST removal and decommissioning	1	Lump Sum	$ 75,000	$ 75,000	Removal of four (4) on-site USTs and associated piping
Construction Related Plan Preparation (CAMP, Noise, Dust, etc.)	1	Lump Sum	$ 25,000	$ 25,000	Plans for subcontractor oversight/regulatory approval.
Soil Characterization Sampling	1	Lump Sum	$ 20,000	$ 20,000	Collection of one soil sample per 500 cubic yards (16 samples) includes laboratory, drilling and reporting.
NYSDEC Remedial Investigation	1	Lump Sum	$ 35,000	$ 35,000	NYSDEC approved Remedial Investigation
End-point Soil Sampling	20	Each	$ 250	$ 5,000	Analytical cost of post-excavation soil samples.
Vapor and Odor Control During Excavation	8	Week	$ 7,500	$ 60,000	Includes use of odor suppressant foam during active soil excavation of petroleum impacted soils.
CAMP Monitoring	8	Week	$ 5,000	$ 40,000	Real-time monitoring during remediation including labor and equipment rental.
Soil Transportation and Disposal - Historic Fill (50% of total volume)	5,950	Ton	$ 50.00	$ 297,500	Transportation and Disposal at a non-hazardous treatment/disposal site
Soil Transportation and Disposal - Petroleum Contaminated Historic Fill (50% of total volume)	5,950	Ton	$ 70.00	$ 416,500	Transportation and Disposal at a non-hazardous treatment/disposal site
NYSDEC Spill Closure and Agency Liaison	1	Lump Sum	$ 15,000.00	$ 15,000	NYSDEC Spill Closure Reporting
Remediation Subtotal				**$ 974,000**	
Contingency	**10%**			**$ 97,400**	
Remediation Total				**$ 1,071,400**	
II. First Engineering Control - Soil Vapor Barrier					
Install Vapor Barrier (Building footprint and subgrade walls)	24,885	Square Feet	$7.50	$ 186,638	Assumes a total of 17,985 square foot building footprint and 6,900 vertical square feet of sub-grade walls
Engineering Design, Specifications Drawings	1	Lump Sum	$ 20,000	$ 20,000	
Engineering Control Subtotal				**$ 206,638**	
Contingency	**10%**			**$ 20,664**	
Total Engineering Control Cost				**$ 227,301**	
III. Second Engineering Control - Active Sub-Slab Depressurization System					
System Engineering Design, Specifications, Drawings, Reporting	1	Lump Sum	$ 20,000	$ 20,000	
Non-Woven Drainage Geotextile	2,000	square yards	$ 3	$ 6,000	
12-inches of gas permeable aggregate backfill and compaction	650	cubic yards	$ 45	$ 29,250	Assumes one foot of stone across the entire Site.
Suction pits and associated sub-slab piping	3	each	$ 3,000	$ 9,000	
Roof-mounted suction fans and accessories	3	each	$ 4,000	$ 12,000	
Monitoring Points	6	each	$ 800	$ 4,800	
Testing	1	each	$ 5,000	$ 5,000	
Engineering Control Subtotal				**$ 86,050**	
Contingency	**10%**			**$ 8,605**	
Total Engineering Control Cost				**$ 94,655**	
IV. Construction Management					
Sub-contractor Procurement and Coordination	1	Lump Sum	$ 20,000	$ 20,000	Assumes a 6 to 8 week of bidding period (RFI responses, bid analysis and award recommendation)
Site Supervision (5 days per week for 8 weeks)	40	Day	$ 1,200	$ 48,000	Full time superintendent during four months of subsurface soil excavation
Project Management; Cost & Schedule Controls	8	Week	$ 1,200	$ 9,600	Project Manager estimated 8-hours per week
Construction Management Subtotal				**$ 77,600**	
Contingency	**10%**			**$ 7,760**	
Construction Management Total				**$ 85,360**	
Estimated Project Total				**$ 1,478,716**	

Notes:
Please note the total engineering and remediation costs may change based on remedial measures required by the NYSDEC.

ATTACHMENT B

PHOTOGRAPH LOG

WCD GROUP
For pivotal matters.™

WCD Group
1350 Broadway, Suite 1904
New York, NY 10018-0891
Phone: 212.631.9000
Fax: 212.631.8066
www.wcdgroup.com

Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

View of the Site facing northwest.

Project No.:

14-7233

Date Photo Taken:

December 1, 2014

Photo No.:	**Taken By:**
1	Karen Higgins

WCD GROUP
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WCD Group
1350 Broadway, Suite 1904
New York, NY 10018-0891
Phone: 212.631.9000
Fax: 212.631.8066
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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

View of performance of the Geophysical Survey to clear boring locations of underground structures and utilities.

Project No.:

14-7233

Date Photo Taken:

December 1, 2014

Photo No.:	**Taken By:**
2	Karen Higgins

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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

View of soil boring installation activities (typical).

Project No.:

14-7233

Date Photo Taken:

December 4, 2014

Photo No.:	**Taken By:**
3	Karen Higgins

WCD GROUP
For pivotal matters.™

WCD Group
1350 Broadway, Suite 1904
New York, NY 10018-0891
Phone: 212.631.9000
Fax: 212.631.8066
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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

Boring activities at SB-2

Project No.:

14-7233

Date Photo Taken:

December 4, 2014

Photo No.:	**Taken By:**
4	Karen Higgins

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1350 Broadway, Suite 1904
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Phone: 212.631.9000
Fax: 212.631.8066
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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

Petroleum-impacted soil encountered at SB-2 (25-30 feet bgs)

Project No.:

14-7233

Date Photo Taken:

December 4, 2014

Photo No.:	**Taken By:**
5	Karen Higgins

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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

View of groundwater sampling activities (typical).

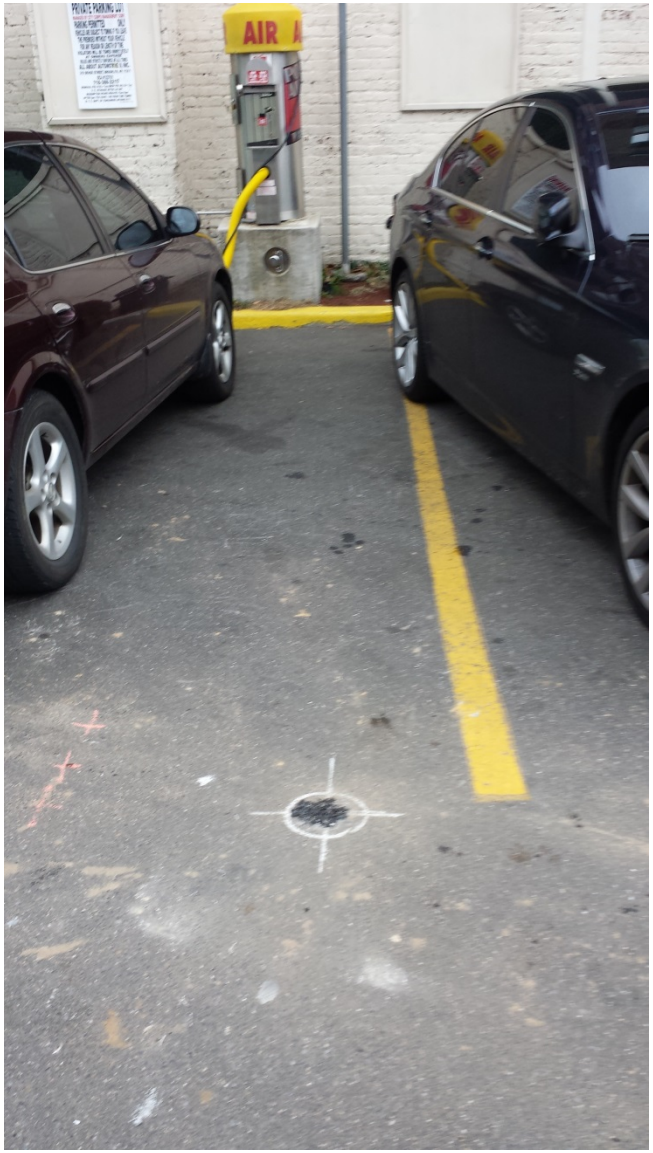
Project No.:

14-7233

Date Photo Taken:

December 4, 2014

Photo No.:	**Taken By:**
6	Karen Higgins



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Client:

SL Green Realty Corporation
420 Lexington Avenue, 18th Floor
New York, NY 10170

Project Location:

1640 Flatbush Avenue, Brooklyn, New York

Description:

View of a boring location backfilled and restored with asphalt coldpatch (typical).

Project No.:

14-7233

Date Photo Taken:

December 4, 2014

Photo No.:	**Taken By:**
7	Karen Higgins

ATTACHMENT C

SOIL BORING LOGS

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-01 Page 1 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	35 feet bgs
Sample Type:	Macrocore 2" x 60" and Hand Auger	Water Level:	28.6 feet bgs
Start Date:	12/5/2014	End Date:	12/5/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
1	0	NA			0.0	Hand Auger to 5 feet bgs. 0-5':Brown, fine to coarse sand and silt, some gravel, trace fill material (red brick/concrete); dry; NO; NS. Selected Soil Sample: SB-01 (1-4)
	1				0.0	
	2				0.0	
	3				0.0	
	4				0.0	
2	5	24"			0.0	0-12": Brown, fine to coarse sand, some silt, little fill (red brick/ concrete); dry; NO; 12-24": Brown fine to coarse sand and gravel; dry; NO; NS
	6				0.0	
	7				0.0	
	8				0.0	
	9				0.0	
3	10	48"			0.0	0-48": Brown, fine to coarse sand; some gravel and fill (red brick); dry; NO; NS Selected Soil Sample: SB-01 (10-13)
	11				0.0	
	12				0.0	
	13				0.0	
	14				0.0	
4	15	56"			0.0	0-32": Brown, fine to coarse sand; dry; NO; NS 32-46":Bentonite-like material and gravel; dry; NO; NS 46-56": Brown fine to coarse sand and silt; some fill (red brick); dry; NO; NS
	16				0.0	
	17				0.0	
	18				0.0	
	19				0.0	

Notes:

NR - Not Recorded	f - fine	and - 36 to 50 %
N/O - No Odor	c - coarse	some - 21 to 35 %
N/S - No Staining		little - 11 to 20 %
BGS - below grade surface		trace - 1 to 10 %
SAA - Same as above		

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-01 Page 2 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	35 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	28.6 feet bgs
Start Date:	12/5/2014	End Date:	12/5/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
5	20	54"			0.0	0-6": Brown, fine to coarse sand and silt; dry; NO; NS 6-20": Brown, fill material (cement-like, red brick and bentonite-like material); dry; NO; NS 20-54": Brown, fine to coarse sand and silt; dry; NO; NS
	21				0.0	
	22				0.0	
	23				0.0	
	24				0.0	
6	25	60"			0.0	0-58": Brown, fine to course sand and silt, some gravel; moist; NO; NS 58-60": Black, coarse sand and silt, Wet, strong petroleum-like odor and sheen.
	26				0.0	
	27				0.0	
	28			▼	0.0	
	29				32.7	
7	30	60"			386.0	0-24": Black, fine to coarse sand; wet; strong petroleum odor; dark oily sheen 24-60": Brown/Black, fine to coarse sand; wet; slight odor; NS
	31				0.0	
	32				0.0	
	33				0.0	Selected Soil Sample: SB-01 (30-31) Selected Soil Sample: SB-01 (33-35)
	34				0.0	Boring completed to 35 feet bgs.
8	35					
	36					
	37					
	38					
	39					

Notes:

NR - Not Recorded	f - fine	and - 36 to 50 %
N/O - No Odor	c - coarse	some - 21 to 35 %
N/S - No Staining		little - 11 to 20 %
BGS - below grade surface		trace - 1 to 10 %
SAA - Same as above		

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-02 Page 1 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	35 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	27.86 feet bgs
Start Date:	12/4/2014	End Date:	12/4/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
1	0	46"			0.0	0-3": Concrete and tar. 3-9": Brown, fine to coarse sand; some fill (red brick/concrete); dry; NO; NS
	1				0.0	9-12": Concrete 12-46": Brown, fine to coarse sand and silt; some fill (ash); dry; NO; NS
	2				0.0	
	3				0.2	Selected Soil Sample: SB-02 (1-4)
	4					
2	5	12"			0.1	0-12": Brown, fine to coarse sand and silt; fill (red brick, concrete, clay, coal-like material); dry; NO; NS
	6				0.0	
	7				0.0	
	8				0.0	
	9				0.0	
3	10	45"			0.1	0-12": Brown/ Gray, fine to coarse sand and silt; some fill (red brick); trace clay; moist; NO; NS
	11				0.0	12-45": Brown, fine to coarse sand; some fill; dry; NO; NS
	12				0.0	Selected Soil Sample: SB-02 (10-13)
	13				0.0	
	14				0.0	
4	15	50"			1.4	0-17": Brown, fine to coarse silt and sand; some fill (red brick); trace clay; dry; NO; NS
	16				0.0	17-50": Brown, fine to coarse sand and cobble; dry; NO; NS
	17				0.0	
	18				0.0	
	19				0.0	

Notes:

NR - Not Recorded
N/O - No Odor
N/S - No Staining
BGS - below grade surface
SAA - Same as above

f - fine
c - coarse

and - 36 to 50 %
some - 21 to 35 %
little - 11 to 20 %
trace - 1 to 10 %

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-02 Page 2 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	35 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	27.86 feet bgs
Start Date:	12/4/2014	End Date:	12/4/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
5	20	60"			0.0	0-30": Red/Brown, fine to coarse sand; some fill (red brick); dry; NO; NS. 30-36": Brown/Gray, fine sand and silt; some fill (red brick/ash/ concrete); moist; NO; NS 30-60": Red/Brown, fine to coarse sand; some fill (red brick); dry; NO; NS. Selected Soil Sample: SB-02 (1-4)
	21				0.0	
	22				0.0	
	23				0.0	
	24				0.0	
6	25	60"		▼	6.3	0-48": Red/Brown, fine to coarse sand; moist; NO; NS 48-60": Black, fine to course sand; wet, sheen, strong petroleum-like odor Selected Soil Sample: SB-02 (28-30)
	26				9.1	
	27				0.0	
	28				0.0	
	29				343.0	
7	30	60"			6.8	0-48": Brown, fine to coarse sand; moist; NO; NS 48-60": Black, fine to coarse sand; wet. Strong petroleum-like odor; sheen. Boring completed to 35 feet bgs.
	31				0.0	
	32				0.0	
	33				0.0	
	34				883.0	
8	35					
	36					
	37					
	38					
	39					

Notes:

NR - Not Recorded	f - fine	and - 36 to 50 %
N/O - No Odor	c - coarse	some - 21 to 35 %
N/S - No Staining		little - 11 to 20 %
BGS - below grade surface		trace - 1 to 10 %
SAA - Same as above		

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-03 Page 1 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	30 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	27.6 feet bgs
Start Date:	12/4/2014	End Date:	12/4/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
1	0	60"			0.0	0-24": Gray/Black, fill (tar, concrete and stone); dry; NO; NS 24-36": Brown, fine to coarse sand and silt; fill (red brick/ash/concrete); dry; NO; NS 36-60": Brown, Silt and fine sand; dry; NO; NS Selected Soil Sample: SB-03 (1-4)
	1				0.0	
	2				0.4	
	3				0.5	
	4				0.0	
2	5	49"			0.0	0-9": Black/Gray fill material (concrete/red brick/tar/rock), some fine to coarse sand and silt; dry; NO; NS 9-21": Black/Gray, fine to coarse sand and silt; some fill (red brick and concrete stone); little cobble, dry; NO; NS 21-49": Brown, fine to coarse sand and cobble; some fill (red brick); dry, NS, NO
	6				0.0	
	7				0.0	
	8				0.0	
	9				0.0	
3	10	60"			2.6	0-60": Brown, fine to coarse sand and silt; some fine to coarse gravel; some fill (red Selected Soil Sample: SB-03 (10-13)
	11				0.0	
	12				0.0	
	13				0.0	
	14				0.0	
4	15	54"			0.0	0-12": Light Brown, fine sand and silt; some cobble;dry; NO; NS 12-16": Dark Brown, fine to coarse sand and silt; some fill (red brick); wet; NO; NS 16-54": Brown, fine to coarse sand and silt; moist; NO; NS
	16				0.0	
	17				0.0	
	18				0.0	
	19				0.0	

Notes:

NR - Not Recorded
N/O - No Odor
N/S - No Staining
BGS - below grade surface
SAA - Same as above

f - fine
c - coarse

and - 36 to 50 %
some - 21 to 35 %
little - 11 to 20 %
trace - 1 to 10 %

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-03 Page 2 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	30 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	27.6 feet bgs
Start Date:	12/4/2014	End Date:	12/5/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	
5	20	60"			0.0	0-30": Brown, fine to coarse sand and silt; some gravel; little cobble; dry; NO; NS 30-60": Brown, fine to coarse sand and silt; some cobble; moist; NO; NS
	21				0.0	
	22				0.0	
	23				0.0	
	24				0.0	
6	25	60"		▼	0.0	0-24": Brown/Gray, fine to coarse sand and silt; some fine to coarse gravel; moist; NO; NS 24-36": Brown/Gray; coarse sand and fine to coarse gravel; some fill (red brick); moist, NO; NS 36-60": Brown/Gray; coarse sand and fine to coarse gravel; some fill (red brick); wet, NO; NS Boring completed to 30 feet bgs.
	26				0.0	
	27				0.0	
	28				0.0	
	29				0.0	
7	30					
	31					
	32					
	33					
	34					
8	35					
	36					
	37					
	38					
	39					

Notes:

NR - Not Recorded	f - fine	and - 36 to 50 %
N/O - No Odor	c - coarse	some - 21 to 35 %
N/S - No Staining		little - 11 to 20 %
BGS - below grade surface		trace - 1 to 10 %
SAA - Same as above		

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-04 Page 1 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	30 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	28 feet bgs
Start Date:	12/5/2014	End Date:	12/5/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
1	0	52"			0.0	0-10":Slab (tar/concrete/stone) 10-25": Brown, fine sand and silt; some fine to coarse gravel; little fill (red brick); dry; NO; NS 23-35": Dark brown silt and fine sand; organic matter; dry; NO; NS 35-41": Orange/Red fine to coarse sand and silt; dry; NO; NS 41-42": Gray stone 42-52": Dark brown, silt, some fine sand, trace fill (coal-like material); dry; NO; NS Selected Soil Sample: SB-04 (1-4)
	1				0.0	
	2				0.0	
	3				0.0	
	4				0.0	
2	5	52"			0.0	0-5": Brown/Gray, fine sand and silt; some fill (stone) dry; NO; NS 5-46": Light brown/orange/dark brown; fine to coarse sand and red/ brown fill (red brick); moist, NS, NO 46-52": Brown, fine sand and silt, dry; NO; NS
	6				0.0	
	7				0.0	
	8				0.0	
	9				0.0	
3	10	52"			0.0	0-10": Brown and orange silt and clay, some fill (red brick, coal-like material); dry; NO; NS 10-52": Brown, fine to coarse sand; some fine to coarse gravel; dry; NO; NS Selected Soil Sample: SB-04 (10-13)
	11				0.0	
	12				0.0	
	13				0.0	
	14				0.0	
4	15	47"			0.0	0-47": Brown, fine to coarse sand and silt; some cobble; dry; NO; NS
	16				0.0	
	17				0.0	
	18				0.0	
	19				0.0	

Notes:

NR - Not Recorded
N/O - No Odor
N/S - No Staining
BGS - below grade surface
SAA - Same as above

f - fine
c - coarse

and - 36 to 50 %
some - 21 to 35 %
little - 11 to 20 %
trace - 1 to 10 %

WCD GROUP For pivotal matters.	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	SOIL BORING LOG	Soil Boring ID: SB-04 Page 2 of 2

Job Name/Client:	SL Green Realty Corporation	Project Number:	14-7233
Project Address:	1640 Flatbush Ave, Brooklyn, NY	Sample Elevation:	NA
Drilling Subcontractor:	Aquifer Drilling and Testing	Inspector:	K. Higgins
Drill Rig:	Track Mounted Geoprobe 6620DT	Total Depth:	30 feet bgs
Sample Type:	Macrocore 2" x 60"	Water Level:	28 feet bgs
Start Date:	12/5/2014	End Date:	12/5/2014

Sample Number	Depth (feet BGS)	Sample Recovery (inches)	Blow Count per 6"	WATER	Screening Results (ppm)	Description of Soil
5	20	60"			0.0	0-12": Brown, fine to coarse sand and silt; dry; NO; NS 12-60": Brown/Gray, fine to coarse sand and cobble; dry; NO; NS
	21				0.0	
	22				0.0	
	23				0.0	
	24				0.0	
6	25	48"			0.0	0-24": Brown/Gray, fine sand and fine to course gravel; some cobbles; dry; NO; NS 24-48": Black silt and fine to course sand; some red/ brown fill (red brick); moist, NS, NO
	26				0.0	
	27				0.0	
	28				0.0	
	29				0.0	Boring completed to 30 feet bgs.
7	30					
	31					
	32					
	33					
	34					
8	35					
	36					
	37					
	38					
	39					

Notes:

NR - Not Recorded
N/O - No Odor
N/S - No Staining
BGS - below grade surface
SAA - Same as above

f - fine
c - coarse

and - 36 to 50 %
some - 21 to 35 %
little - 11 to 20 %
trace - 1 to 10 %

ATTACHMENT D

GROUNDWATER SAMPLING LOGS

WCD GROUP For pivotal matters.™	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	Well Sampling Log	Well ID: GW-01 Sample Name: GW-01 Sample Collection Date: 12/05/2014 Sample Collection Time: 14:05 Page 1 of 1

Job Name/Client:	SL Green Realty Corporation
Project Address:	1640 Flatbush Avenue, Brooklyn, NY
Project Number:	14-7233

Well Integrity

	YES	NO	NA
Protective Casing Secure		x	
Concrete Collar Intact		x	
PVC Stick-up Intact	x		
Well Cap Present		x	
Security Lock Present		x	

Headspace Screening (ppm)

Background	0.0
Well Mouth	0.0

Height of Top of Casing

0.0 feet below ground surface

Well Diameter

- [x] 1 inch
- [ ] 2 inch
- [ ] 4 inch

Well Construction

- [X] PVC
- [ ] Steel

Well Gauging

Well Depth (feet) below TOC:	35.00
Depth to Water (ft) below TOC:	28.6
Pump Intake Depth (ft) below TOC:	30
Height of Water Column (ft):	6.4
Depth to NAPL (ft):	ND
Thickness of NAPL (ft):	ND
Total Gallons Purged:	5 gal

Reference Point

- [ ] historical
- [ ] notch
- [ ] north side
- [x] high pt
- [ ] pen mark

Water Quality Measurements

Measurement No.	1	2	3	4	5	6	7	8	9
Time	13:35	13:40	13:45	13:50	13:55				
Temp. (C.)	14.82	17.03	17.58	17.66	17.71				
Conduct. (mS/cm)	1.25	1.18	1.15	1.14	1.15				
DO (mg/L)	3.42	3.69	1.85	1.09	0.93				
pH (Std.Units)	6.53	6.33	6.3	6.31	6.31				
ORP (mV)	-82	-105	-177	-121	-122				
Turb. (NTU)	504.0	364.0	106.0	54.4	31.9				
Flow (ml/min)	2.0	2.0	2.0	2.0	2.0				
Depth to water (ft)	NA	NA	NA	NA	NA				
Color	Yellow	Yellow	Yellow	Yellow	Yellow				
Odor	Petroleum	Petroleum	Petroleum	Petroleum	Petroleum				
Sheen	YES	YES	YES	YES	YES				

Measurement No.	10	11	12	13	14	15	16	17	18
Time									
Temp. (C.)									
Conduct. (mS/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (mV)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Color									
Odor									
Sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	x	x	Horiba U-52 flow cell, Teflon Lined Tubing, Geopump, Peristaltic Pump
Submersible Pump			
Bladder Pump			
Other: Bailer			

NA - Not applicable
ND - Not detected

WCD GROUP For pivotal matters.™	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	Well Sampling Log	Well ID: GW-02 Sample Name: GW-02 Sample Collection Date: 12/04/2014 Sample Collection Time: 15:38 Page 1 of 1

Job Name/Client:	SL Green Realty Corporation
Project Address:	1640 Flatbush Avenue, Brooklyn, NY
Project Number:	14-7233

Well Integrity

	YES	NO	NA
Protective Casing Secure		x	
Concrete Collar Intact		x	
PVC Stick-up Intact	x		
Well Cap Present		x	
Security Lock Present		x	

Headspace Screening (ppm)

Background	0.0
Well Mouth	0.0

Height of Top of Casing

0.0 feet below ground surface

Well Diameter

- [x] 1 inch
- [ ] 2 inch
- [ ] 4 inch

Well Construction

- [X] PVC
- [ ] Steel

Well Gauging

Well Depth (feet) below TOC:	45.00
Depth to Water (ft) below TOC:	27.86
Pump Intake Depth (ft) below TOC:	32
Height of Water Column (ft):	17.14
Depth to NAPL (ft):	ND
Thickness of NAPL (ft):	ND
Total Gallons Purged:	4.5 gal

Reference Point

- [ ] historical
- [ ] notch
- [ ] north side
- [x] high pt
- [ ] pen mark

Water Quality Measurements

Measurement No.	1	2	3	4	5	6	7	8	9
Time	14:41	14:46	14:58	15:06	15:12				
Temp. (C.)	16.6	16.91	17.25	17.23	17.30				
Conduct. (mS/cm)	1.23	1.24	1.23	1.22	1.22				
DO (mg/L)	12.11	10.53	9.43	9.56	9.03				
pH (Std.Units)	6.95	6.95	6.92	6.91	6.91				
ORP (mV)	-136	-170	-124	-84	-65				
Turb. (NTU)	249.0	159	37.3	17.2	9.8				
Flow (ml/min)	2.0	2.0	2.0	2.0	2.0				
Depth to water (ft)	NA	NA	NA	NA	NA				
Color	Yellow/Brown	Yellow/Brown	Yellow/Brown	Yellow/Brown	Yellow/Brown				
Odor	NONE	NONE	NONE	NONE	NONE				
Sheen	NONE	NONE	NONE	NONE	NONE				

Measurement No.	10	11	12	13	14	15	16	17	18
Time									
Temp. (C.)									
Conduct. (mS/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (mV)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Color									
Odor									
Sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	x	x	Horiba U-52 flow cell, Teflon Lined Tubing, Geopump, Peristaltic Pump
Submersible Pump			
Bladder Pump			
Other: Bailer			

NA - Not applicable
ND - Not detected

WCD GROUP For pivotal matters.™	1350 Broadway, Suite 1904 New York, NY 10018 P: 212.631.9000 F: 212.631.8066	Well Sampling Log	Well ID: GW-03 Sample Name: GW-03 Sample Collection Date: 12/05/2014 Sample Collection Time: 10:00 Page 1 of 1

Job Name/Client:	SL Green Realty Corporation
Project Address:	1640 Flatbush Avenue, Brooklyn, NY
Project Number:	14-7233

Well Integrity

	YES	NO	NA
Protective Casing Secure		x	
Concrete Collar Intact		x	
PVC Stick-up Intact	x		
Well Cap Present		x	
Security Lock Present		x	

Headspace Screening (ppm)

Background	0.0
Well Mouth	0.0

Height of Top of Casing

0.0 feet below ground surface

Well Diameter

- [x] 1 inch
- [ ] 2 inch
- [ ] 4 inch

Well Construction

- [X] PVC
- [ ] Steel

Well Gauging

Well Depth (feet) below TOC:	40.00
Depth to Water (ft) below TOC:	27.6
Pump Intake Depth (ft) below TOC:	30
Height of Water Column (ft):	12.40
Depth to NAPL (ft):	ND
Thickness of NAPL (ft):	ND
Total Gallons Purged:	4.5 gal

Reference Point

- [ ] historical
- [ ] notch
- [ ] north side
- [x] high pt
- [ ] pen mark

Water Quality Measurements

Measurement No.	1	2	3	4	5	6	7	8	9
Time	9:35	9:40	9:45	9:50	9:55				
Temp. (C.)	13.35	16.63	16.81	16.98	17.04				
Conduct. (mS/cm)	1.55	1.49	1.49	1.49	1.49				
DO (mg/L)	5.02	3.49	3.47	3.34	3.26				
pH (Std.Units)	5.4	6.16	6.38	6.47	6.53				
ORP (mV)	-93	-17	-19	-27.1	-27				
Turb. (NTU)	101.0	74.7	44.1	28.1	13.4				
Flow (ml/min)	2.0	2.0	2.0	2.0	2.0				
Depth to water (ft)	NA	NA	NA	NA	NA				
Color	Clear	Clear	Clear	Clear	Clear				
Odor	NONE	NONE	NONE	NONE	NONE				
Sheen	NONE	NONE	NONE	NONE	NONE				

Measurement No.	10	11	12	13	14	15	16	17	18
Time									
Temp. (C.)									
Conduct. (mS/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (mV)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Color									
Odor									
Sheen									

Pump Type	Purge	Sample	Description of Sampling Equipment
Peristaltic Pump	x	x	Horiba U-52 flow cell, Teflon Lined Tubing, Geopump, Peristaltic Pump
Submersible Pump			
Bladder Pump			
Other: Bailer			

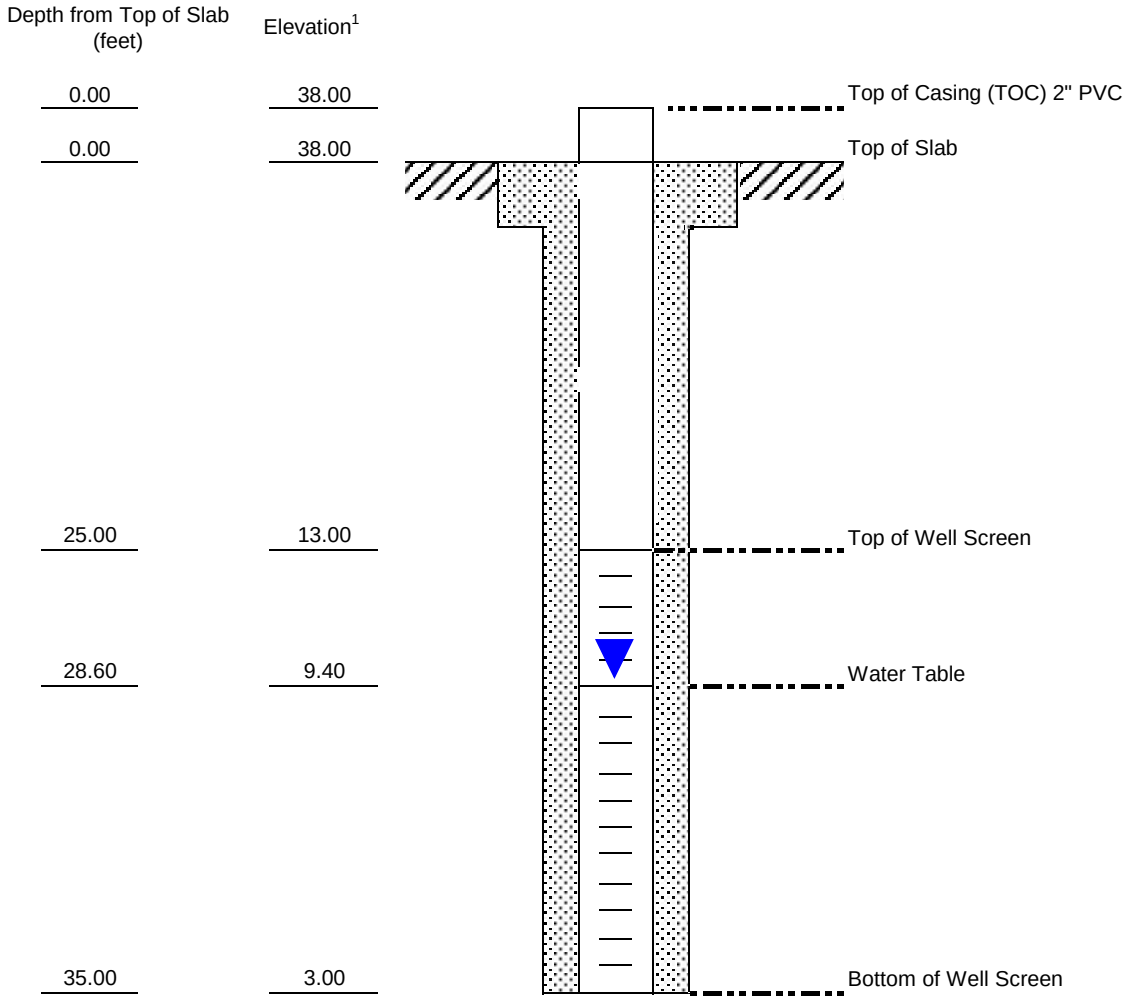
NA - Not applicable
ND - Not detected

ATTACHMENT E

WELL CONSTRUCTION LOGS

WCD GROUP *For pivotal matters.*™	WCD Group 1350 Broadway, Suite 1904 New York, NY 10018 Phone 212 631 9000	**WELL INSTALLATION LOG**	**WELL: GW-01** **SHEET 1 OF 1**

JOB NAME:	SL GREEN	DRILLING METHOD:	Geoprobe 6620DT
ADDRESS:	1640 Flatbush Ave	DRILLER:	ADT
	Brooklyn, NY	INSTALLATION DATE:	12/5/2014
ELEVATION[1]:	NA	DEVELOPMENT DATE:	12/5/2014
INSPECTOR:	Karen Higgins	DEPTH TO WATER[2]:	28.6 Feet below TOC
		PRODUCT THICKNESS:	None Detected



Not to Scale

Notes:

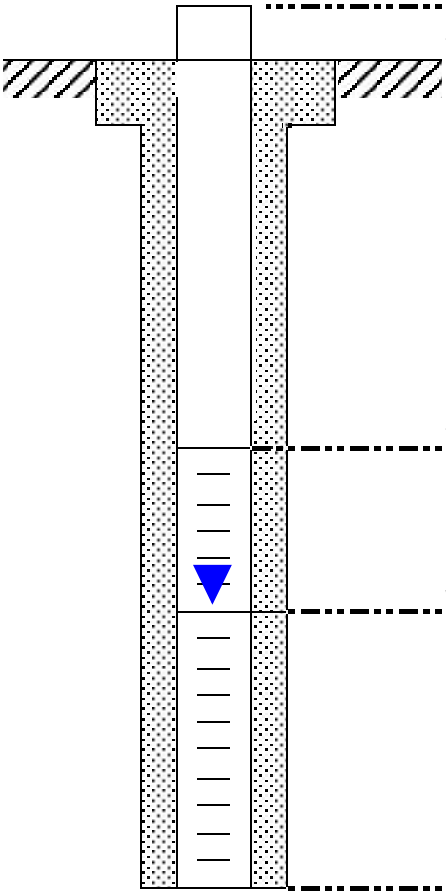
[1]Feet above sea level

[2]Feet below top of casing

WCD GROUP *For pivotal matters.*	WCD Group 1350 Broadway, Suite 1904 New York, NY 10018 Phone 212 631 9000	**WELL INSTALLATION LOG**	**WELL: GW-02** **SHEET 1 OF 1**

JOB NAME:	SL GREEN	DRILLING METHOD:	Geoprobe 6620DT
ADDRESS:	1640 Flatbush Ave	DRILLER:	ADT
	Brooklyn, NY	INSTALLATION DATE:	12/4/2014
ELEVATION[1]:	NA	DEVELOPMENT DATE:	12/4/2014
INSPECTOR:	Karen Higgins	DEPTH TO WATER[2]:	27.86 Feet below TOC
		PRODUCT THICKNESS:	

Depth from Top of Slab (feet)	Elevation[1]	
0.33	38.33	Top of Casing (TOC) 2" PVC
0.00	38.00	Top of Slab
25.00	13.00	Top of Well Screen
27.86	10.14	Water Table
35.00	3.00	Bottom of Well Screen



Not to Scale

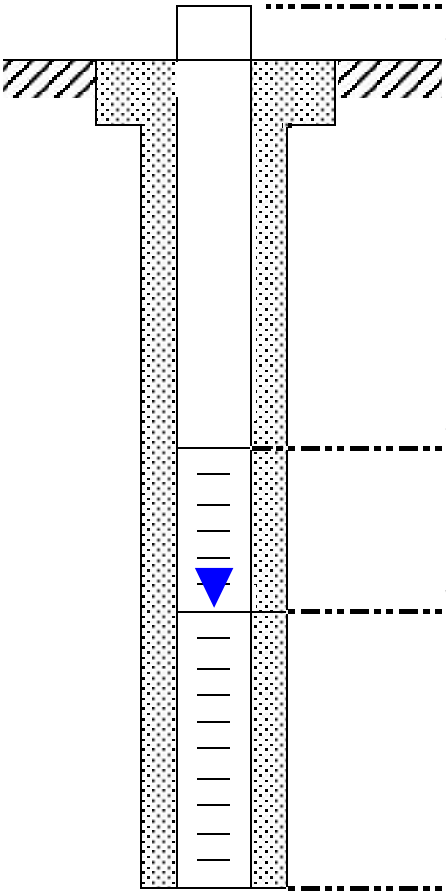
Notes:

[1]Feet above sea level
[2]Feet below top of casing

WCD GROUP *For pivotal matters.*™	WCD Group 1350 Broadway, Suite 1904 New York, NY 10018 Phone 212 631 9000	**WELL INSTALLATION LOG**	**WELL: GW-03** **SHEET 1 OF 1**

JOB NAME:	SL GREEN	DRILLING METHOD:	Geoprobe 6620DT
ADDRESS:	1640 Flatbush Ave	DRILLER:	ADT
	Brooklyn, NY	INSTALLATION DATE:	12/4/2014
ELEVATION[1]:	NA	DEVELOPMENT DATE:	12/5/2014
INSPECTOR:	Karen Higgins	DEPTH TO WATER[2]:	27.6 Feet below TOC
		PRODUCT THICKNESS:	None Detected

Depth from Top of Slab (feet)	Elevation[1]	
0.00	38.00	Top of Casing (TOC) 2" PVC
0.00	38.00	Top of Slab
30.00	8.00	Top of Well Screen
27.60	10.40	Water Table
40.00	-2.00	Bottom of Well Screen



Not to Scale

Notes:

[1]Feet above sea level
[2]Feet below top of casing

ATTACHMENT F

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property

1640 Flatbush Avenue
Brooklyn, New York 11210

NOVA PROJECT NUMBER
14-0422

DATED
December 8, 2014

PREPARED FOR:
WCD Group
1350 Broadway
Suite 1904
New York, New York 10018

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

December 8, 2014

Karen E. Higgins
Engineer
WCD Group
1350 Broadway, Suite 1904
New York, New York 10018
P: 212.631.9000

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
1640 Flatbush Avenue
Brooklyn, New York 11210

Dear Ms.Higgins:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, 1640 Flatbush Avenue, Brooklyn, New York (the "Site"). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) and comprehensive subsurface utility (CSUL) surveys at the site. The purpose of this survey is to locate and identify USTs, anomalies, utilities and other substructures and to clear and mark proposed environmental boring areas on December 3, 2014.

The equipment selected for this investigation was a CSUL Pipe and Cable Locator (a magnetic detector), a Ditch-Witch utility locator and Noggin's 250 MHz ground penetrating radar (GPR) shielded antenna.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

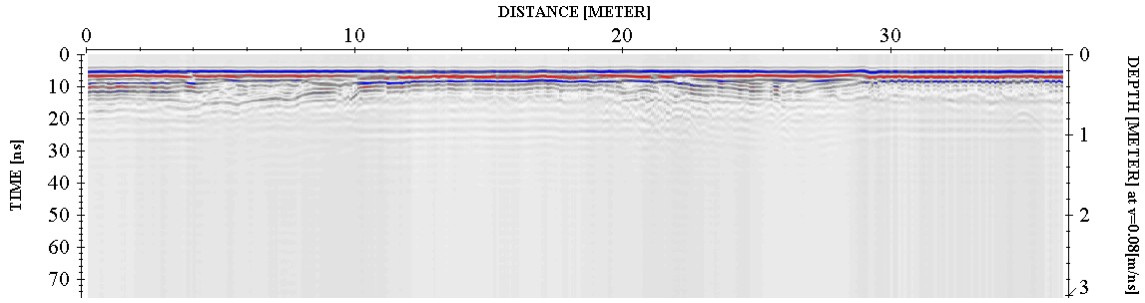
The project site was first screened using a magnetic detector to search for potential UST locations within the area of the parking lot. GPR profiles were then collected over the entire area and inspected for reflections, which could be indicative of major anomalies and substructures. Utility and anomaly locations were confirmed using the CSUL Pipe and Cable Locator and the Ditch-Witch Utility locator.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of concrete and asphalt surfaces.

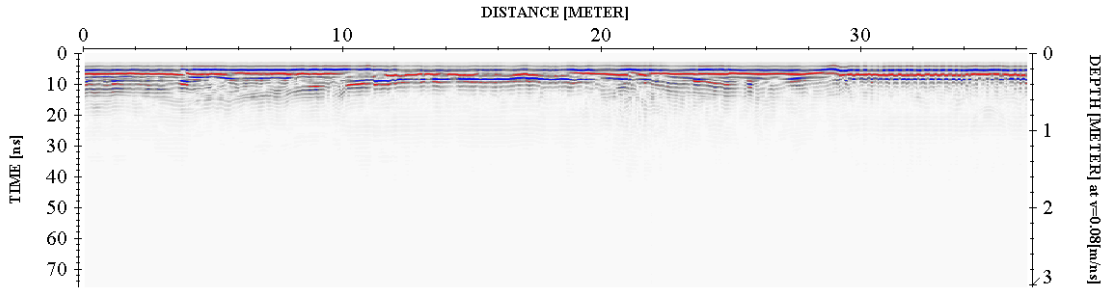
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

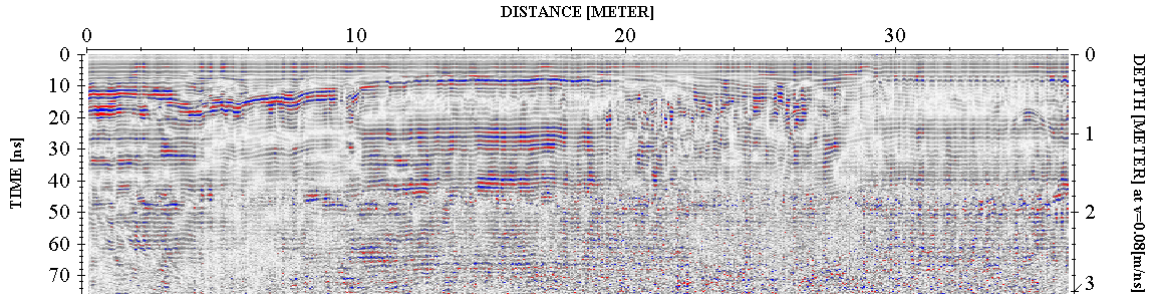
Step 1. Import raw RAMAC data to standard processing format



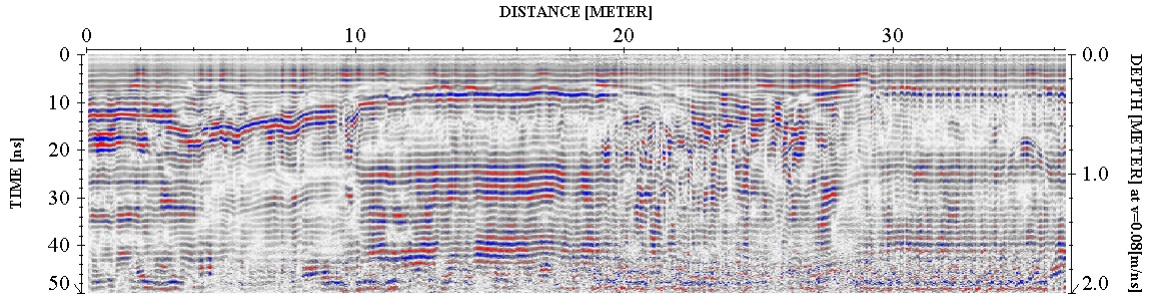
Step 2. Remove instrument noise *(dewow)*



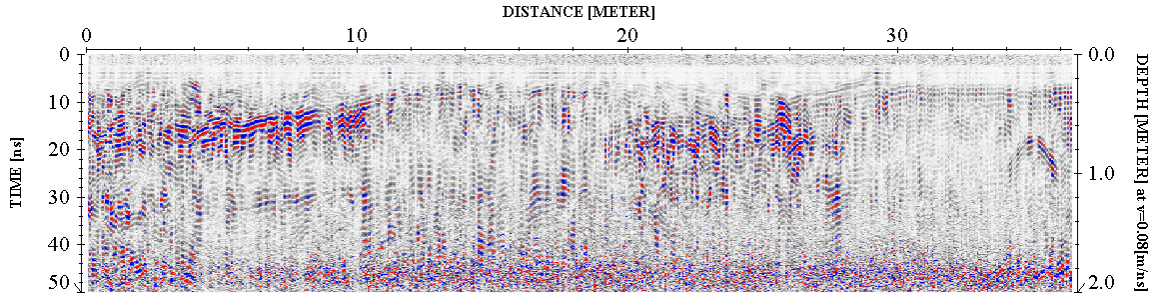
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Overcast and rainy

Temp: 40 Degrees (F).

Surface: Paved (concrete-asphalt) surfaces

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was low to medium at the site. Noise levels consistent with an urban environment and noise caused by water on the ground surface were experienced during the time of the survey.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any USTs. These areas were indicated on the on-site markout.
- Several utilities (sewer, steam, water and electric) were located on the site. These utilities were marked out both at the site and on the survey map.
- A UST field serving the gas station was located on the site. All of the subsurface structures were clearly marked out on the survey map. All vent pipes and lines to the pumps are located underneath the gas station structure.
- Three large catch basins were located in the southeast portion of the lot. These were marked out on the site and on the survey map.
- Nova cleared and marked all of the proposed boring locations at the time of the survey.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images

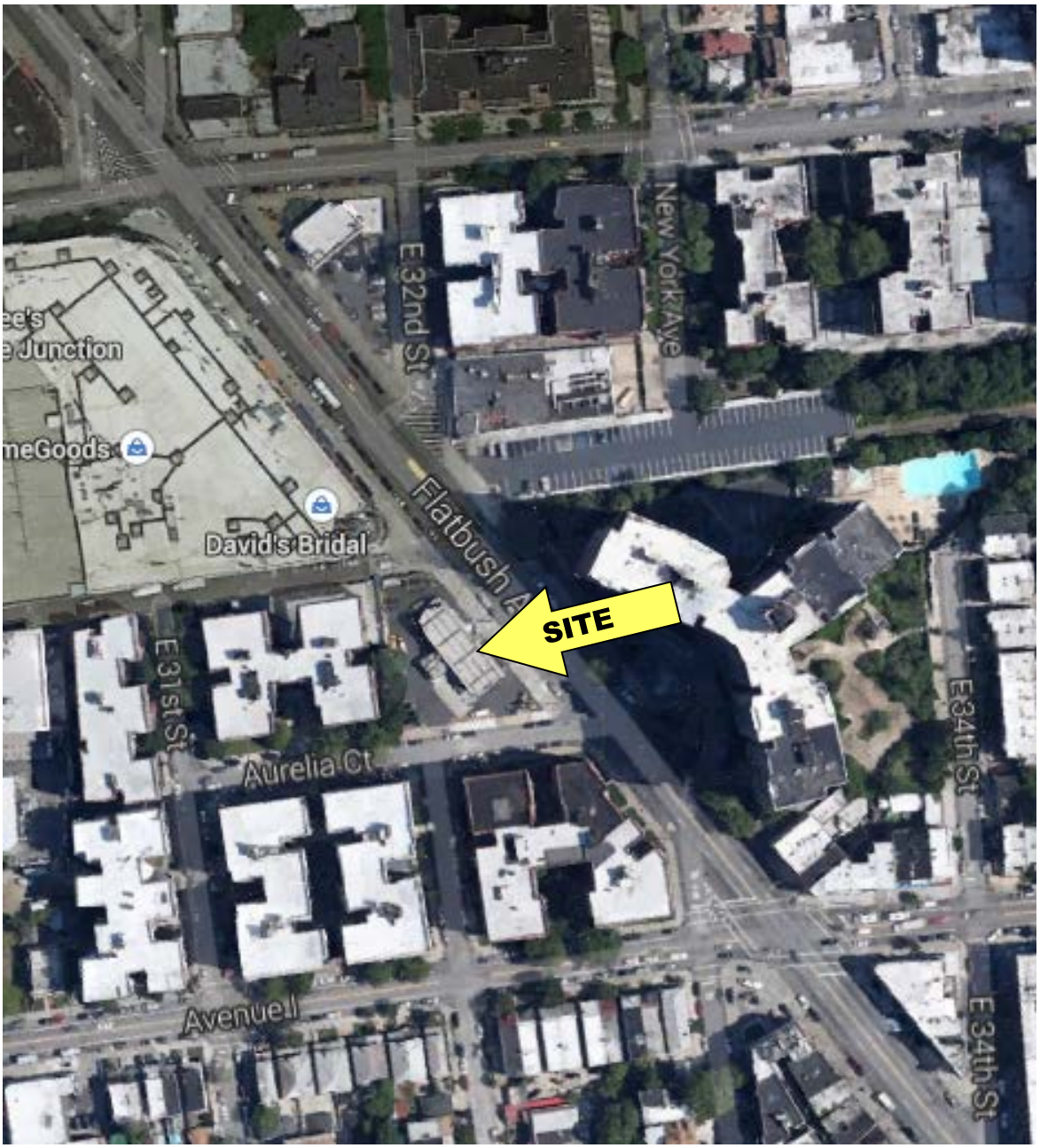
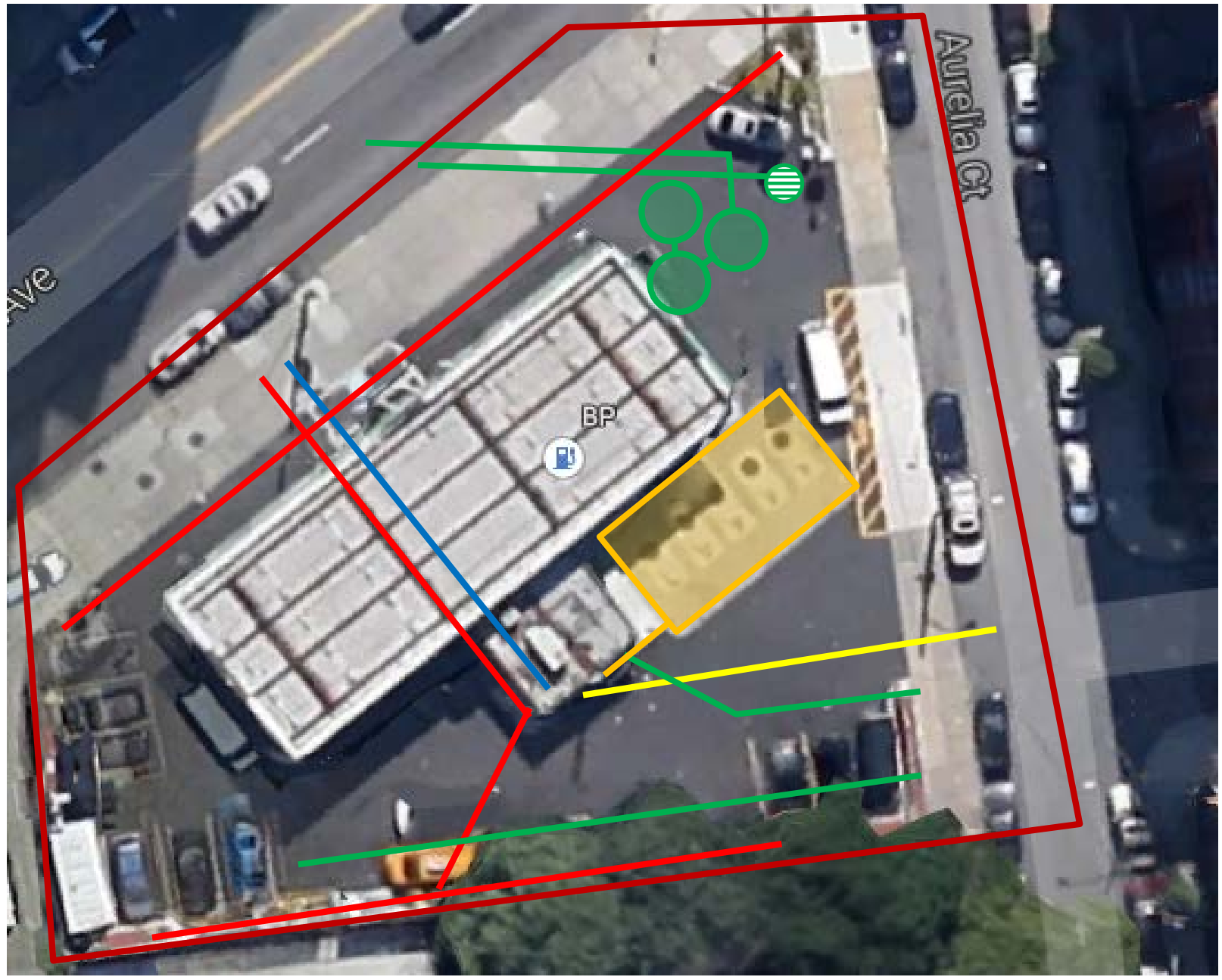


FIGURE 1
SITE LOCATION MAP

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Pkwy, # 765, Douglaston, NY11362
(347) 556-7787 Fax (718) 261-1528
www.nova-gsi.com

SITE: **Commercial Property**
1640 Flatbush Avenue
Brooklyn, New York 11210

SCALE: See Map



N

25 ft.

1- All anomalies were marked in the field.

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
1640 Flatbush Avenue
Brooklyn, New York 11210

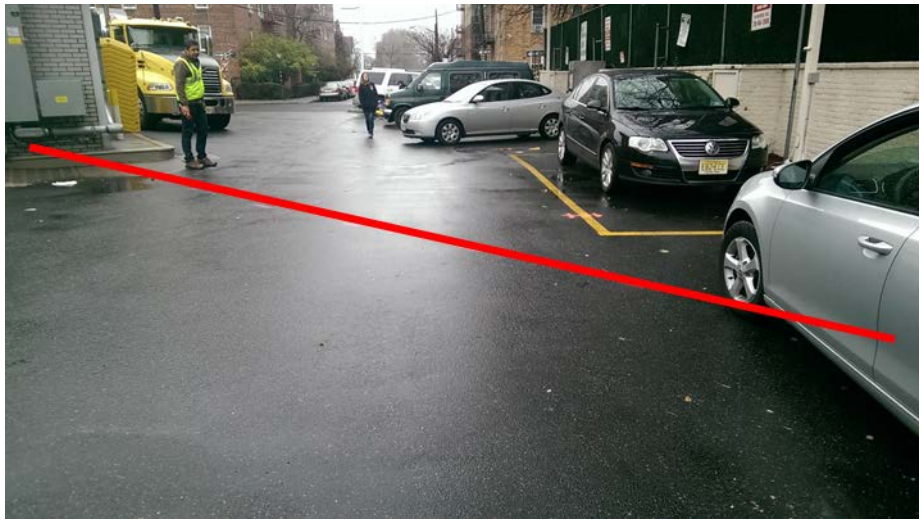
CLIENT: **WCD Group**
DATE: December 3, 2014
Scale See Map

INFORMATION

- Survey Area
- Gas line
- Electrical line
- Sewer Line
- Water Line
- UST Field
- Catch Basin
- Strom Drain

GEOPHYSICAL IMAGES

Commercial Property
1640 Flatbush Avenue
Brooklyn, New York 11210
December 3rd, 2014



GEOPHYSICAL IMAGES

Commercial Property
1640 Flatbush Avenue
Brooklyn, New York 11210
December 3rd, 2014

ATTACHMENT G

LABORATORY ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

Lab Number:	L1429164
Client:	Emteque LLC, A WCD Group Company A WCD Group Company 1350 Broadway, Suite 1904 New York, NY 10018
ATTN:	Wes Lindemuth
Phone:	(212) 631-9000
Project Name:	14-7233
Project Number:	14-7233
Report Date:	12/11/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429164-01	WCD-SV-02	SOIL_VAPOR	1640 FLATBUSH AVE	12/04/14 11:21	12/04/14
L1429164-02	WCD-SV-03	SOIL_VAPOR	1640 FLATBUSH AVE	12/04/14 13:53	12/04/14

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	14-7233	**Lab Number:**	L1429164
Project Number:	14-7233	**Report Date:**	12/11/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 3, 2014. The canister certification results are provided as an addendum.

Sample L1429164-01 results for Acetone and 4-Methyl-2-pentanone should be considered estimated due to co-elution with a non-target peak.

Sample L1429164-02 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG747407-3 LCS recoveries for 1,2,4-Trichlorobenzene (138%) and 1,2,3-trichlorobenzene (133%) are above the upper 130% acceptance limit. The response for this compound was elevated however it was not detected in any of the associated samples therefore no further action was taken.

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: 12/11/14

AIR

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-01
Client ID: WCD-SV-02
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/11/14 09:12
Analyst: RY

Date Collected: 12/04/14 11:21
Date Received: 12/04/14
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								
Dichlorodifluoromethane	0.245	0.050	--	1.21	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	5.99	0.020	--	13.3	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.105	0.020	--	0.277	0.053	--		1
Ethanol	3.92	2.50	--	7.39	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	45.2	2.00	--	107	4.75	--		1
Trichlorofluoromethane	0.288	0.050	--	1.62	0.281	--		1
Isopropanol	0.984	0.500	--	2.42	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.30	0.200	--	10.3	0.623	--		1
Freon-113	0.064	0.050	--	0.491	0.383	--		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	4.00	0.500	--	11.8	1.47	--		1
cis-1,2-Dichloroethene	0.042	0.020	--	0.167	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.074	0.020	--	0.361	0.098	--		1

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-01 Date Collected: 12/04/14 11:21

Client ID: WCD-SV-02 Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE 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								
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	2.55	0.200	--	8.99	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	2.64	0.100	--	8.43	0.319	--		1
Carbon tetrachloride	0.033	0.020	--	0.208	0.126	--		1
Cyclohexane	0.642	0.200	--	2.21	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.179	0.020	--	0.962	0.107	--		1
2,2,4-Trimethylpentane	4.95	0.200	--	23.1	0.934	--		1
Heptane	2.16	0.200	--	8.85	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	1.18	0.500	--	4.84	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	3.44	0.050	--	13.0	0.188	--		1
2-Hexanone	0.659	0.200	--	2.70	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	31.9	0.020	--	216	0.136	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	2.06	0.020	--	8.95	0.087	--		1
p/m-Xylene	6.60	0.040	--	28.7	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.110	0.020	--	0.468	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-01 Date Collected: 12/04/14 11:21

Client ID: WCD-SV-02 Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE 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								
o-Xylene	2.41	0.020	--	10.5	0.087	--		1
4-Ethyltoluene	0.414	0.020	--	2.04	0.098	--		1
1,3,5-Trimethybenzene	0.337	0.020	--	1.66	0.098	--		1
1,2,4-Trimethylbenzene	1.20	0.020	--	5.90	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-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	95		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	103		60-140

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-02 D
Client ID: WCD-SV-03
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/11/14 09:44
Analyst: RY

Date Collected: 12/04/14 13:53
Date Received: 12/04/14
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								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		39.95
Chloromethane	ND	20.0	--	ND	41.3	--		39.95
Freon-114	ND	2.00	--	ND	14.0	--		39.95
Vinyl chloride	ND	0.799	--	ND	2.04	--		39.95
1,3-Butadiene	2.44	0.799	--	5.40	1.77	--		39.95
Bromomethane	ND	0.799	--	ND	3.10	--		39.95
Chloroethane	ND	0.799	--	ND	2.11	--		39.95
Ethanol	ND	99.9	--	ND	188	--		39.95
Vinyl bromide	ND	7.99	--	ND	34.9	--		39.95
Acetone	ND	79.9	--	ND	190	--		39.95
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		39.95
Isopropanol	ND	20.0	--	ND	49.2	--		39.95
1,1-Dichloroethene	ND	0.799	--	ND	3.17	--		39.95
Methylene chloride	ND	40.0	--	ND	139	--		39.95
3-Chloropropene	ND	7.99	--	ND	25.0	--		39.95
Carbon disulfide	ND	7.99	--	ND	24.9	--		39.95
Freon-113	ND	2.00	--	ND	15.3	--		39.95
trans-1,2-Dichloroethene	ND	0.799	--	ND	3.17	--		39.95
1,1-Dichloroethane	ND	0.799	--	ND	3.23	--		39.95
Methyl tert butyl ether	ND	0.799	--	ND	2.88	--		39.95
2-Butanone	ND	20.0	--	ND	59.0	--		39.95
cis-1,2-Dichloroethene	ND	0.799	--	ND	3.17	--		39.95
Ethyl Acetate	ND	20.0	--	ND	72.1	--		39.95
Chloroform	ND	0.799	--	ND	3.90	--		39.95

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-02 D Date Collected: 12/04/14 13:53

Client ID: WCD-SV-03 Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE 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								
Tetrahydrofuran	ND	7.99	--	ND	23.6	--		39.95
1,2-Dichloroethane	ND	0.799	--	ND	3.23	--		39.95
n-Hexane	ND	7.99	--	ND	28.2	--		39.95
1,1,1-Trichloroethane	ND	0.799	--	ND	4.36	--		39.95
Benzene	ND	4.00	--	ND	12.8	--		39.95
Carbon tetrachloride	ND	0.799	--	ND	5.03	--		39.95
Cyclohexane	ND	7.99	--	ND	27.5	--		39.95
1,2-Dichloropropane	ND	0.799	--	ND	3.69	--		39.95
Bromodichloromethane	ND	0.799	--	ND	5.35	--		39.95
1,4-Dioxane	ND	4.00	--	ND	14.4	--		39.95
Trichloroethene	0.959	0.799	--	5.15	4.29	--		39.95
2,2,4-Trimethylpentane	12.1	7.99	--	56.5	37.3	--		39.95
Heptane	ND	7.99	--	ND	32.7	--		39.95
cis-1,3-Dichloropropene	ND	0.799	--	ND	3.63	--		39.95
4-Methyl-2-pentanone	ND	20.0	--	ND	82.0	--		39.95
trans-1,3-Dichloropropene	ND	0.799	--	ND	3.63	--		39.95
1,1,2-Trichloroethane	ND	0.799	--	ND	4.36	--		39.95
Toluene	3.00	2.00	--	11.3	7.54	--		39.95
2-Hexanone	ND	7.99	--	ND	32.7	--		39.95
Dibromochloromethane	ND	0.799	--	ND	6.81	--		39.95
1,2-Dibromoethane	ND	0.799	--	ND	6.14	--		39.95
Tetrachloroethene	958	0.799	--	6500	5.42	--		39.95
Chlorobenzene	ND	0.799	--	ND	3.68	--		39.95
Ethylbenzene	6.39	0.799	--	27.8	3.47	--		39.95
p/m-Xylene	19.7	1.60	--	85.6	6.95	--		39.95
Bromoform	ND	0.799	--	ND	8.26	--		39.95
Styrene	ND	0.799	--	ND	3.40	--		39.95
1,1,2,2-Tetrachloroethane	ND	0.799	--	ND	5.49	--		39.95

Project Name: 14-7233 ***Lab Number:*** L1429164

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429164-02 D Date Collected: 12/04/14 13:53

Client ID: WCD-SV-03 Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE 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								
o-Xylene	3.68	0.799	--	16.0	3.47	--		39.95
4-Ethyltoluene	0.959	0.799	--	4.71	3.93	--		39.95
1,3,5-Trimethybenzene	1.12	0.799	--	5.51	3.93	--		39.95
1,2,4-Trimethylbenzene	1.80	0.799	--	8.85	3.93	--		39.95
Benzyl chloride	ND	7.99	--	ND	41.4	--		39.95
1,3-Dichlorobenzene	ND	0.799	--	ND	4.80	--		39.95
1,4-Dichlorobenzene	ND	0.799	--	ND	4.80	--		39.95
1,2-Dichlorobenzene	ND	0.799	--	ND	4.80	--		39.95
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		39.95
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		39.95

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: 14-7233 **Lab Number:** L1429164

Project Number: 14-7233 **Report Date:** 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01-02 Batch: WG747407-4								
Propylene	ND	0.500	--	ND	0.861	--		1
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
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		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	0.050	--	ND	0.383	--		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
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 14-7233 **Lab Number:** L1429164

Project Number: 14-7233 **Report Date:** 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01-02 Batch: WG747407-4								
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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
2-Hexanone	ND	0.200	--	ND	0.820	--		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
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: 14-7233
Project Number: 14-7233
Lab Number: L1429164
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01-02 Batch: WG747407-4								
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
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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG747407-3								
Propylene	105		-		70-130	-		25
Dichlorodifluoromethane	128		-		70-130	-		25
Chloromethane	94		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	103		-		70-130	-		25
Vinyl chloride	100		-		70-130	-		25
1,3-Butadiene	104		-		70-130	-		25
Bromomethane	96		-		70-130	-		25
Chloroethane	97		-		70-130	-		25
Ethyl Alcohol	96		-		70-130	-		25
Vinyl bromide	98		-		70-130	-		25
Acetone	100		-		70-130	-		25
Trichlorofluoromethane	101		-		70-130	-		25
iso-Propyl Alcohol	106		-		70-130	-		25
Acrylonitrile	90		-		70-130	-		25
1,1-Dichloroethene	101		-		70-130	-		25
Methylene chloride	99		-		70-130	-		25
3-Chloropropene	106		-		70-130	-		25
Carbon disulfide	96		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		25
Halothane	98		-		70-130	-		25
trans-1,2-Dichloroethene	93		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG747407-3								
1,1-Dichloroethane	101		-		70-130	-		25
Methyl tert butyl ether	101		-		70-130	-		25
Vinyl acetate	121		-		70-130	-		25
2-Butanone	96		-		70-130	-		25
cis-1,2-Dichloroethene	117		-		70-130	-		25
Ethyl Acetate	101		-		70-130	-		25
Chloroform	103		-		70-130	-		25
Tetrahydrofuran	97		-		70-130	-		25
1,2-Dichloroethane	100		-		70-130	-		25
n-Hexane	97		-		70-130	-		25
1,1,1-Trichloroethane	105		-		70-130	-		25
Benzene	96		-		70-130	-		25
Carbon tetrachloride	109		-		70-130	-		25
Cyclohexane	96		-		70-130	-		25
1,2-Dichloropropane	102		-		70-130	-		25
Bromodichloromethane	104		-		70-130	-		25
1,4-Dioxane	104		-		70-130	-		25
Trichloroethene	101		-		70-130	-		25
2,2,4-Trimethylpentane	96		-		70-130	-		25
cis-1,3-Dichloropropene	113		-		70-130	-		25
4-Methyl-2-pentanone	106		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG747407-3								
trans-1,3-Dichloropropene	99		-		70-130	-		25
1,1,2-Trichloroethane	108		-		70-130	-		25
Toluene	103		-		70-130	-		25
2-Hexanone	113		-		70-130	-		25
Dibromochloromethane	109		-		70-130	-		25
1,2-Dibromoethane	108		-		70-130	-		25
Tetrachloroethene	104		-		70-130	-		25
1,1,1,2-Tetrachloroethane	99		-		70-130	-		25
Chlorobenzene	106		-		70-130	-		25
Ethylbenzene	107		-		70-130	-		25
p/m-Xylene	108		-		70-130	-		25
Bromoform	110		-		70-130	-		25
Styrene	114		-		70-130	-		25
1,1,2,2-Tetrachloroethane	111		-		70-130	-		25
o-Xylene	108		-		70-130	-		25
Isopropylbenzene	103		-		70-130	-		25
4-Ethyltoluene	103		-		70-130	-		25
1,3,5-Trimethylbenzene	104		-		70-130	-		25
1,2,4-Trimethylbenzene	107		-		70-130	-		25
Benzyl chloride	123		-		70-130	-		25
1,3-Dichlorobenzene	107		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 14-7233

Project Number: 14-7233

Lab Number: L1429164

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG747407-3								
1,4-Dichlorobenzene	105		-		70-130	-		25
sec-Butylbenzene	98		-		70-130	-		25
p-Isopropyltoluene	93		-		70-130	-		25
1,2-Dichlorobenzene	100		-		70-130	-		25
n-Butylbenzene	109		-		70-130	-		25
1,2,4-Trichlorobenzene	**138**	Q	-		70-130	-		25
Naphthalene	120		-		70-130	-		25
1,2,3-Trichlorobenzene	**133**	Q	-		70-130	-		25
Hexachlorobutadiene	128		-		70-130	-		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102				70-130
Toluene-d8	103				70-130
Bromofluorobenzene	104				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG747407-5 QC Sample: L1429035-01 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.075	0.075	ppbV	0		25
Trichloroethene	0.023	0.026	ppbV	12		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Project Name: 14-7233

Project Number: 14-7233

Lab Number: L1429164

Report Date: 12/11/14

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
L1429164-01	WCD-SV-02	0404	#30 AMB	12/03/14	112268		-	-	-	Pass	38.9	40.0	3
L1429164-01	WCD-SV-02	1547	6.0L Can	12/03/14	112268	L1428770-02	Pass	-30.4	-4.5	-	-	-	-
L1429164-02	WCD-SV-03	0080	#30 AMB	12/03/14	112268		-	-	-	Pass	39.8	43.2	8
L1429164-02	WCD-SV-03	1974	6.0L Can	12/03/14	112268	L1428770-02	Pass	-30.5	1.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/01/14 18:16
Analyst: MB

Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
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
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
Methylene chloride	ND	0.500	--	ND	1.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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								
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: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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	69		60-140
Bromochloromethane	74		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/01/14 18:16
Analyst: MB

Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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 **Lab Number:** L1428770

Project Number: CANISTER QC BAT **Report Date:** 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02 Date Collected: 12/01/14 11:37

Client ID: CAN 981 SHELF 48 Date Received: 12/01/14

Sample Location: 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	70		60-140
bromochloromethane	78		60-140
chlorobenzene-d5	84		60-140

Project Name: 14-7233
Project Number: 14-7233

Lab Number: L1429164
Report Date: 12/11/14

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(*)
L1429164-01A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1429164-02A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	14-7233	**Lab Number:**	L1429164
Project Number:	14-7233	**Report Date:**	12/11/14

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
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.

Report Format: Data Usability Report

Project Name:	14-7233	**Lab Number:**	L1429164
Project Number:	14-7233	**Report Date:**	12/11/14

Data Qualifiers

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.

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:	14-7233	**Lab Number:**	L1429164
Project Number:	14-7233	**Report Date:**	12/11/14

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.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA 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, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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 #: L1429164

Client Information

Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK, NY
Phone: 212 631 9060
Fax:
Email: wlindemuth@wcdgroup.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 14-7233
Project Location: 1640 FLATBUSH AVE
Project #: 14-7233
Project Manager: WES LINDEMUTH
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 5 DAY TAT 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)
-01	WCD-SV-02	12/4/14	09:21	11:21	-30.32	-3.58	SV	KH	6L	1547	0404		X	X					
-02	WCD-SV-03	12/4/14	11:46	13:53	-30.33	-1.86	SV	KH	6L	1974	0080		X	X					
												KH 12/4							

*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:
	12/4/14 1450		12/4/14 1530
	12/4/14 1845	Tom Tobin AAL	12-4-14 1845
Tom Tobin	12-5-14 0120		12/5/14 0120

Form No: 101-02 (19-Jun-09)

ANALYTICAL REPORT

Lab Number:	L1429327
Client:	Emteque LLC, A WCD Group Company A WCD Group Company 1350 Broadway, Suite 1904 New York, NY 10018
ATTN:	Wes Lindemuth
Phone:	(212) 631-9000
Project Name:	Not Specified
Project Number:	14-7233
Report Date:	12/11/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: Not Specified
Project Number: 14-7233

Lab Number: L1429327
Report Date: 12/11/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429327-01	WCD-SV-01	SOIL_VAPOR	1640 FLATBUSH AVE.	12/04/14 16:54	12/05/14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429327
Report Date: 12/11/14

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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429327
Report Date: 12/11/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 3, 2014. The canister certification results are provided as an addendum.

Sample L1429327-01 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Sample L1429327-01 results for Acetone and 4-Methyl-2-pentanone should be considered estimated due to co-elution with a non-target peak.

The WG747407-3 LCS recoveries for 1,2,4-Trichlorobenzene (138%) and 1,2,3-Trichlorobenzene (133%) are above the upper 130% acceptance limit. The response for these compounds was elevated however they were not detected in any of the associated samples therefore no further action was taken.

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: 12/11/14

AIR

Project Name: ***Lab Number:*** L1429327

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429327-01
Client ID: WCD-SV-01
Sample Location: 1640 FLATBUSH AVE.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/11/14 10:15
Analyst: RY

Date Collected: 12/04/14 16:54
Date Received: 12/05/14
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								
Dichlorodifluoromethane	0.448	0.063	--	2.22	0.309	--		1.25
Chloromethane	ND	0.625	--	ND	1.29	--		1.25
Freon-114	ND	0.063	--	ND	0.437	--		1.25
Vinyl chloride	0.089	0.025	--	0.227	0.064	--		1.25
1,3-Butadiene	3.80	0.025	--	8.41	0.055	--		1.25
Bromomethane	ND	0.025	--	ND	0.097	--		1.25
Chloroethane	0.121	0.025	--	0.319	0.066	--		1.25
Ethanol	3.66	3.12	--	6.90	5.88	--		1.25
Vinyl bromide	ND	0.250	--	ND	1.09	--		1.25
Acetone	86.9	2.50	--	206	5.94	--		1.25
Trichlorofluoromethane	0.241	0.063	--	1.35	0.351	--		1.25
Isopropanol	1.46	0.625	--	3.59	1.54	--		1.25
1,1-Dichloroethene	ND	0.025	--	ND	0.099	--		1.25
Methylene chloride	ND	1.25	--	ND	4.34	--		1.25
3-Chloropropene	ND	0.250	--	ND	0.783	--		1.25
Carbon disulfide	3.37	0.250	--	10.5	0.779	--		1.25
Freon-113	0.073	0.063	--	0.556	0.479	--		1.25
trans-1,2-Dichloroethene	ND	0.025	--	ND	0.099	--		1.25
1,1-Dichloroethane	ND	0.025	--	ND	0.101	--		1.25
Methyl tert butyl ether	0.088	0.025	--	0.315	0.090	--		1.25
2-Butanone	2.84	0.625	--	8.38	1.84	--		1.25
cis-1,2-Dichloroethene	0.108	0.025	--	0.428	0.099	--		1.25
Ethyl Acetate	ND	0.625	--	ND	2.25	--		1.25
Chloroform	1.93	0.025	--	9.43	0.122	--		1.25

Project Name: ***Lab Number:*** L1429327

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429327-01 Date Collected: 12/04/14 16:54
Client ID: WCD-SV-01 Date Received: 12/05/14
Sample Location: 1640 FLATBUSH AVE. 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								
Tetrahydrofuran	ND	0.250	--	ND	0.737	--		1.25
1,2-Dichloroethane	0.334	0.025	--	1.35	0.101	--		1.25
n-Hexane	5.96	0.250	--	21.0	0.881	--		1.25
1,1,1-Trichloroethane	ND	0.025	--	ND	0.136	--		1.25
Benzene	5.22	0.125	--	16.7	0.399	--		1.25
Carbon tetrachloride	0.065	0.025	--	0.409	0.157	--		1.25
Cyclohexane	1.47	0.250	--	5.06	0.861	--		1.25
1,2-Dichloropropane	ND	0.025	--	ND	0.116	--		1.25
Bromodichloromethane	ND	0.025	--	ND	0.167	--		1.25
1,4-Dioxane	ND	0.125	--	ND	0.450	--		1.25
Trichloroethene	0.280	0.025	--	1.50	0.134	--		1.25
2,2,4-Trimethylpentane	43.1	0.250	--	201	1.17	--		1.25
Heptane	5.29	0.250	--	21.7	1.02	--		1.25
cis-1,3-Dichloropropene	ND	0.025	--	ND	0.113	--		1.25
4-Methyl-2-pentanone	0.629	0.625	--	2.58	2.56	--		1.25
trans-1,3-Dichloropropene	ND	0.025	--	ND	0.113	--		1.25
1,1,2-Trichloroethane	ND	0.025	--	ND	0.136	--		1.25
Toluene	14.6	0.063	--	55.0	0.236	--		1.25
2-Hexanone	ND	0.250	--	ND	1.02	--		1.25
Dibromochloromethane	ND	0.025	--	ND	0.213	--		1.25
1,2-Dibromoethane	ND	0.025	--	ND	0.192	--		1.25
Tetrachloroethene	27.7	0.025	--	188	0.170	--		1.25
Chlorobenzene	ND	0.025	--	ND	0.115	--		1.25
Ethylbenzene	1.99	0.025	--	8.64	0.109	--		1.25
p/m-Xylene	7.91	0.050	--	34.4	0.217	--		1.25
Bromoform	ND	0.025	--	ND	0.258	--		1.25
Styrene	0.108	0.025	--	0.460	0.106	--		1.25
1,1,2,2-Tetrachloroethane	ND	0.025	--	ND	0.172	--		1.25

Project Name: ***Lab Number:*** L1429327

Project Number: 14-7233 ***Report Date:*** 12/11/14

SAMPLE RESULTS

Lab ID: L1429327-01 Date Collected: 12/04/14 16:54
Client ID: WCD-SV-01 Date Received: 12/05/14
Sample Location: 1640 FLATBUSH AVE. 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								
o-Xylene	2.75	0.025	--	11.9	0.109	--		1.25
4-Ethyltoluene	0.585	0.025	--	2.88	0.123	--		1.25
1,3,5-Trimethybenzene	0.498	0.025	--	2.45	0.123	--		1.25
1,2,4-Trimethylbenzene	1.69	0.025	--	8.31	0.123	--		1.25
Benzyl chloride	ND	0.250	--	ND	1.29	--		1.25
1,3-Dichlorobenzene	ND	0.025	--	ND	0.150	--		1.25
1,4-Dichlorobenzene	ND	0.025	--	ND	0.150	--		1.25
1,2-Dichlorobenzene	ND	0.025	--	ND	0.150	--		1.25
1,2,4-Trichlorobenzene	ND	0.063	--	ND	0.464	--		1.25
Hexachlorobutadiene	ND	0.063	--	ND	0.667	--		1.25

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	79		60-140
chlorobenzene-d5	92		60-140

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429327
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01 Batch: WG747407-4								
Propylene	ND	0.500	--	ND	0.861	--		1
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
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		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	0.050	--	ND	0.383	--		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
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429327
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01 Batch: WG747407-4								
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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
2-Hexanone	ND	0.200	--	ND	0.820	--		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
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429327
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 12/10/14 16:32

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 for sample(s): 01 Batch: WG747407-4								
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
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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429327

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG747407-3								
Propylene	105		-		70-130	-		25
Dichlorodifluoromethane	128		-		70-130	-		25
Chloromethane	94		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	103		-		70-130	-		25
Vinyl chloride	100		-		70-130	-		25
1,3-Butadiene	104		-		70-130	-		25
Bromomethane	96		-		70-130	-		25
Chloroethane	97		-		70-130	-		25
Ethyl Alcohol	96		-		70-130	-		25
Vinyl bromide	98		-		70-130	-		25
Acetone	100		-		70-130	-		25
Trichlorofluoromethane	101		-		70-130	-		25
iso-Propyl Alcohol	106		-		70-130	-		25
Acrylonitrile	90		-		70-130	-		25
1,1-Dichloroethene	101		-		70-130	-		25
Methylene chloride	99		-		70-130	-		25
3-Chloropropene	106		-		70-130	-		25
Carbon disulfide	96		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		25
Halothane	98		-		70-130	-		25
trans-1,2-Dichloroethene	93		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429327

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG747407-3								
1,1-Dichloroethane	101		-		70-130	-		25
Methyl tert butyl ether	101		-		70-130	-		25
Vinyl acetate	121		-		70-130	-		25
2-Butanone	96		-		70-130	-		25
cis-1,2-Dichloroethene	117		-		70-130	-		25
Ethyl Acetate	101		-		70-130	-		25
Chloroform	103		-		70-130	-		25
Tetrahydrofuran	97		-		70-130	-		25
1,2-Dichloroethane	100		-		70-130	-		25
n-Hexane	97		-		70-130	-		25
1,1,1-Trichloroethane	105		-		70-130	-		25
Benzene	96		-		70-130	-		25
Carbon tetrachloride	109		-		70-130	-		25
Cyclohexane	96		-		70-130	-		25
1,2-Dichloropropane	102		-		70-130	-		25
Bromodichloromethane	104		-		70-130	-		25
1,4-Dioxane	104		-		70-130	-		25
Trichloroethene	101		-		70-130	-		25
2,2,4-Trimethylpentane	96		-		70-130	-		25
cis-1,3-Dichloropropene	113		-		70-130	-		25
4-Methyl-2-pentanone	106		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429327

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG747407-3								
trans-1,3-Dichloropropene	99		-		70-130	-		25
1,1,2-Trichloroethane	108		-		70-130	-		25
Toluene	103		-		70-130	-		25
2-Hexanone	113		-		70-130	-		25
Dibromochloromethane	109		-		70-130	-		25
1,2-Dibromoethane	108		-		70-130	-		25
Tetrachloroethene	104		-		70-130	-		25
1,1,1,2-Tetrachloroethane	99		-		70-130	-		25
Chlorobenzene	106		-		70-130	-		25
Ethylbenzene	107		-		70-130	-		25
p/m-Xylene	108		-		70-130	-		25
Bromoform	110		-		70-130	-		25
Styrene	114		-		70-130	-		25
1,1,2,2-Tetrachloroethane	111		-		70-130	-		25
o-Xylene	108		-		70-130	-		25
Isopropylbenzene	103		-		70-130	-		25
4-Ethyltoluene	103		-		70-130	-		25
1,3,5-Trimethylbenzene	104		-		70-130	-		25
1,2,4-Trimethylbenzene	107		-		70-130	-		25
Benzyl chloride	123		-		70-130	-		25
1,3-Dichlorobenzene	107		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429327

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG747407-3								
1,4-Dichlorobenzene	105		-		70-130	-		25
sec-Butylbenzene	98		-		70-130	-		25
p-Isopropyltoluene	93		-		70-130	-		25
1,2-Dichlorobenzene	100		-		70-130	-		25
n-Butylbenzene	109		-		70-130	-		25
1,2,4-Trichlorobenzene	**138**	Q	-		70-130	-		25
Naphthalene	120		-		70-130	-		25
1,2,3-Trichlorobenzene	**133**	Q	-		70-130	-		25
Hexachlorobutadiene	128		-		70-130	-		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102				70-130
Toluene-d8	103				70-130
Bromofluorobenzene	104				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429327
Report Date: 12/11/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG747407-5 QC Sample: L1429035-01 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.075	0.075	ppbV	0		25
Trichloroethene	0.023	0.026	ppbV	12		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Project Name:

Lab Number: L1429327

Project Number: 14-7233

Report Date: 12/11/14

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
L1429327-01	WCD-SV-01	0014	#30 SV	12/03/14	112268		-	-	-	Pass	38.8	41	6
L1429327-01	WCD-SV-01	1975	6.0L Can	12/03/14	112268	L1428770-02	Pass	-30.4	-4.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/01/14 18:16
Analyst: MB

Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
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
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
Methylene chloride	ND	0.500	--	ND	1.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:

Date Collected: 12/01/14 11:37
Date Received: 12/01/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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								
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: L1428770
Report Date: 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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	69		60-140
Bromochloromethane	74		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1428770

Project Number: CANISTER QC BAT **Report Date:** 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02
Client ID: CAN 981 SHELF 48
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/01/14 18:16
Analyst: MB

Date Collected: 12/01/14 11:37
Date Received: 12/01/14
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 **Lab Number:** L1428770

Project Number: CANISTER QC BAT **Report Date:** 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02 Date Collected: 12/01/14 11:37

Client ID: CAN 981 SHELF 48 Date Received: 12/01/14

Sample Location: 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 **Lab Number:** L1428770

Project Number: CANISTER QC BAT **Report Date:** 12/11/14

Air Canister Certification Results

Lab ID: L1428770-02 Date Collected: 12/01/14 11:37

Client ID: CAN 981 SHELF 48 Date Received: 12/01/14

Sample Location: 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	70		60-140
bromochloromethane	78		60-140
chlorobenzene-d5	84		60-140

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429327
Report Date: 12/11/14

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(*)
L1429327-01A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	Not Specified	**Lab Number:**	L1429327
Project Number:	14-7233	**Report Date:**	12/11/14

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
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.

Report Format: Data Usability Report

Project Name:	Not Specified	**Lab Number:**	L1429327
Project Number:	14-7233	**Report Date:**	12/11/14

Data Qualifiers

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.

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:	Not Specified	**Lab Number:**	L1429327
Project Number:	14-7233	**Report Date:**	12/11/14

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.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA 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, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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 #: L1429327

Client Information

Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK, NY
Phone: 212 631 9000
Fax:
Email: wLindemuth@wcdgroup.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location: 1640 FLATBUSH AVE
Project #: 14-7233
Project Manager: WES LINDEMUTH
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
5 DAY TAT
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 #: 14-7233

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
NY	DOH	

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	ANALYSIS TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
-01	WCD-SV-01	12/4/14	14:54	16:54	-30.23	-5.99	SV	KH	6L	1975	0014			X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6S

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:
	12/5/14 1431		12-5-14 1431
	12-5-14 2030		12-5-14 2030
	12-6-14 0235		2/6/14 0235

Form No: 101-02 (19-Jun-09)

ANALYTICAL REPORT

Lab Number:	L1429136
Client:	Emteque LLC, A WCD Group Company A WCD Group Company 1350 Broadway, Suite 1904 New York, NY 10018
ATTN:	Wes Lindemuth
Phone:	(212) 631-9000
Project Name:	Not Specified
Project Number:	14-7233
Report Date:	12/11/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429136-01	WCD-SB-02 (1-4)	SOIL	1640 FLATBUSH AVE., BROOKLYN	12/04/14 09:25	12/04/14
L1429136-02	WCD-SB-02 (10-13)	SOIL	1640 FLATBUSH AVE., BROOKLYN	12/04/14 09:55	12/04/14
L1429136-03	WCD-SB-02 (25-30)	SOIL	1640 FLATBUSH AVE., BROOKLYN	12/04/14 10:10	12/04/14
L1429136-04	WCD-SB-03 (1-4)	SOIL	1640 FLATBUSH AVE., BROOKLYN	12/04/14 12:40	12/04/14
L1429136-05	WCD-SB-03 (10-13)	SOIL	1640 FLATBUSH AVE., BROOKLYN	12/04/14 13:12	12/04/14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name: Not Specified **Lab Number:** L1429136
Project Number: 14-7233 **Report Date:** 12/11/14

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.

Semivolatile Organics

The WG746371-2/-3 LCS/LCSD recoveries, associated with L1429136-04 and -05, are below the acceptance criteria for benzoic acid (5%/8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Metals

L1429136-01 through -05 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG746143-4 MS recoveries for aluminum (1160%), calcium (0%), iron (4630%), and manganese (254%), performed on L1429136-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG746143-4 MS recoveries, performed on L1429136-01, are outside the acceptance criteria for chromium (139%), lead (59%), magnesium (243%), potassium (249%), and thallium (70%). A post digestion spike was performed and yielded an unacceptable recovery for thallium (78%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG746143-3 Laboratory Duplicate RPDs, performed on L1429136-01, are outside the acceptance criteria for calcium (24%) and sodium (71%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized 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: Bryan Vangel

Title: Technical Director/Representative Date: 12/11/14

ORGANICS

VOLATILES

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01
Client ID: WCD-SB-02 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/14 16:04
Analyst: BN
Percent Solids: 91%

Date Collected: 12/04/14 09:25
Date Received: 12/04/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	1.1	J	ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.17	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01 Date Collected: 12/04/14 09:25

Client ID: WCD-SB-02 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylene (Total)	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	2.7	J	ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
o-Chlorotoluene	ND		ug/kg	6.1	0.19	1
p-Chlorotoluene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.17	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01 Date Collected: 12/04/14 09:25

Client ID: WCD-SB-02 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
1,4-Dioxane	ND		ug/kg	120	18.	1
1,4-Diethylbenzene	ND		ug/kg	4.9	0.19	1
4-Ethyltoluene	ND		ug/kg	4.9	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.16	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1
Tentatively Identified Compounds						
Total TIC Compounds	25	J	ug/kg			1
Unknown	2.6	J	ug/kg			1
Unknown	2.9	J	ug/kg			1
Unknown	3.2	J	ug/kg			1
Unknown	3.2	J	ug/kg			1
Unknown	3.1	J	ug/kg			1
Unknown	2.9	J	ug/kg			1
Unknown	2.4	J	ug/kg			1
Unknown	4.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02
Client ID: WCD-SB-02 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/14 16:31
Analyst: BN
Percent Solids: 93%

Date Collected: 12/04/14 09:55
Date Received: 12/04/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	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	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	11		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.6	0.16	1
Bromoform	ND		ug/kg	4.5	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02 Date Collected: 12/04/14 09:55

Client ID: WCD-SB-02 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	34		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	4.5	J	ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	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	0.16	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	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.6	0.15	1
o-Chlorotoluene	ND		ug/kg	5.6	0.18	1
p-Chlorotoluene	ND		ug/kg	5.6	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.6	0.16	1
Acrylonitrile	ND		ug/kg	11	0.58	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.16	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02 Date Collected: 12/04/14 09:55

Client ID: WCD-SB-02 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	0.24	J	ug/kg	4.5	0.18	1
4-Ethyltoluene	0.28	J	ug/kg	4.5	0.14	1
1,2,4,5-Tetramethylbenzene	1.0	J	ug/kg	4.5	0.15	1
Ethyl ether	ND		ug/kg	5.6	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	0.44	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03 D
Client ID: WCD-SB-02 (25-30)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/14 17:06
Analyst: BN
Percent Solids: 92%

Date Collected: 12/04/14 10:10
Date Received: 12/04/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	120000	13000	200
1,1-Dichloroethane	ND		ug/kg	18000	1000	200
Chloroform	ND		ug/kg	18000	4400	200
Carbon tetrachloride	ND		ug/kg	12000	2500	200
1,2-Dichloropropane	ND		ug/kg	41000	2700	200
Dibromochloromethane	ND		ug/kg	12000	1800	200
1,1,2-Trichloroethane	ND		ug/kg	18000	3600	200
Tetrachloroethene	ND		ug/kg	12000	1600	200
Chlorobenzene	ND		ug/kg	12000	4100	200
Trichlorofluoromethane	ND		ug/kg	59000	4600	200
1,2-Dichloroethane	ND		ug/kg	12000	1300	200
1,1,1-Trichloroethane	ND		ug/kg	12000	1300	200
Bromodichloromethane	ND		ug/kg	12000	2000	200
trans-1,3-Dichloropropene	ND		ug/kg	12000	1400	200
cis-1,3-Dichloropropene	ND		ug/kg	12000	1400	200
1,3-Dichloropropene, Total	ND		ug/kg	12000	1400	200
1,1-Dichloropropene	ND		ug/kg	59000	1700	200
Bromoform	ND		ug/kg	47000	2800	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	12000	1200	200
Benzene	ND		ug/kg	12000	1400	200
Toluene	ND		ug/kg	18000	2300	200
Ethylbenzene	110000		ug/kg	12000	1500	200
Chloromethane	ND		ug/kg	59000	3500	200
Bromomethane	ND		ug/kg	24000	4000	200
Vinyl chloride	ND		ug/kg	24000	1400	200
Chloroethane	ND		ug/kg	24000	3700	200
1,1-Dichloroethene	ND		ug/kg	12000	3100	200
trans-1,2-Dichloroethene	ND		ug/kg	18000	2500	200
Trichloroethene	ND		ug/kg	12000	1500	200
1,2-Dichlorobenzene	ND		ug/kg	59000	1800	200

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03 D Date Collected: 12/04/14 10:10

Client ID: WCD-SB-02 (25-30) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	59000	1600	200
1,4-Dichlorobenzene	ND		ug/kg	59000	1600	200
Methyl tert butyl ether	ND		ug/kg	24000	1000	200
p/m-Xylene	510000		ug/kg	24000	2300	200
o-Xylene	89000		ug/kg	24000	2000	200
Xylene (Total)	600000		ug/kg	24000	2000	200
cis-1,2-Dichloroethene	ND		ug/kg	12000	1700	200
1,2-Dichloroethene (total)	ND		ug/kg	12000	1700	200
Dibromomethane	ND		ug/kg	120000	1900	200
Styrene	ND		ug/kg	24000	4800	200
Dichlorodifluoromethane	ND		ug/kg	120000	2200	200
Acetone	ND		ug/kg	120000	12000	200
Carbon disulfide	ND		ug/kg	120000	13000	200
2-Butanone	ND		ug/kg	120000	3200	200
Vinyl acetate	ND		ug/kg	120000	1600	200
4-Methyl-2-pentanone	ND		ug/kg	120000	2900	200
1,2,3-Trichloropropane	ND		ug/kg	120000	1900	200
2-Hexanone	ND		ug/kg	120000	7900	200
Bromochloromethane	ND		ug/kg	59000	3300	200
2,2-Dichloropropane	ND		ug/kg	59000	2700	200
1,2-Dibromoethane	ND		ug/kg	47000	2100	200
1,3-Dichloropropane	ND		ug/kg	59000	1700	200
1,1,1,2-Tetrachloroethane	ND		ug/kg	12000	3800	200
Bromobenzene	ND		ug/kg	59000	2500	200
n-Butylbenzene	51000		ug/kg	12000	1400	200
sec-Butylbenzene	17000		ug/kg	12000	1400	200
tert-Butylbenzene	ND		ug/kg	59000	1600	200
o-Chlorotoluene	ND		ug/kg	59000	1900	200
p-Chlorotoluene	ND		ug/kg	59000	1600	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	59000	4700	200
Hexachlorobutadiene	ND		ug/kg	59000	2700	200
Isopropylbenzene	26000		ug/kg	12000	1200	200
p-Isopropyltoluene	12000		ug/kg	12000	1500	200
Naphthalene	160000		ug/kg	59000	1600	200
Acrylonitrile	ND		ug/kg	120000	6100	200
n-Propylbenzene	120000		ug/kg	12000	1300	200
1,2,3-Trichlorobenzene	ND		ug/kg	59000	1700	200
1,2,4-Trichlorobenzene	ND		ug/kg	59000	2200	200
1,3,5-Trimethylbenzene	290000		ug/kg	59000	1700	200

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03 D Date Collected: 12/04/14 10:10

Client ID: WCD-SB-02 (25-30) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	1100000		ug/kg	59000	1700	200
1,4-Dioxane	ND		ug/kg	1200000	170000	200
1,4-Diethylbenzene	420000		ug/kg	47000	1900	200
4-Ethyltoluene	660000		ug/kg	47000	1500	200
1,2,4,5-Tetramethylbenzene	140000		ug/kg	47000	1500	200
Ethyl ether	ND		ug/kg	59000	3100	200
trans-1,4-Dichloro-2-butene	ND		ug/kg	59000	4600	200
Tentatively Identified Compounds						
Total TIC Compounds	2700000	J	ug/kg			200
Unknown Benzene	240000	J	ug/kg			200
Unknown Benzene	280000	J	ug/kg			200
Unknown	430000	J	ug/kg			200
Unknown Benzene	320000	J	ug/kg			200
Unknown Benzene	270000	J	ug/kg			200
Unknown	140000	J	ug/kg			200
Unknown Benzene	290000	J	ug/kg			200
Unknown Cycloaromatic	220000	J	ug/kg			200
Unknown Cycloaromatic	330000	J	ug/kg			200
Unknown Benzene	140000	J	ug/kg			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04
Client ID: WCD-SB-03 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/14 17:32
Analyst: BN
Percent Solids: 89%

Date Collected: 12/04/14 12:40
Date Received: 12/04/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	720	80.	1
1,1-Dichloroethane	ND		ug/kg	110	6.2	1
Chloroform	ND		ug/kg	110	27.	1
Carbon tetrachloride	ND		ug/kg	72	15.	1
1,2-Dichloropropane	ND		ug/kg	250	16.	1
Dibromochloromethane	ND		ug/kg	72	11.	1
1,1,2-Trichloroethane	ND		ug/kg	110	22.	1
Tetrachloroethene	3000		ug/kg	72	10.	1
Chlorobenzene	ND		ug/kg	72	25.	1
Trichlorofluoromethane	ND		ug/kg	360	28.	1
1,2-Dichloroethane	ND		ug/kg	72	8.2	1
1,1,1-Trichloroethane	ND		ug/kg	72	8.0	1
Bromodichloromethane	ND		ug/kg	72	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	72	8.7	1
cis-1,3-Dichloropropene	ND		ug/kg	72	8.5	1
1,3-Dichloropropene, Total	ND		ug/kg	72	8.5	1
1,1-Dichloropropene	ND		ug/kg	360	10.	1
Bromoform	ND		ug/kg	290	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	72	7.3	1
Benzene	ND		ug/kg	72	8.5	1
Toluene	ND		ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	72	9.2	1
Chloromethane	ND		ug/kg	360	21.	1
Bromomethane	ND		ug/kg	140	24.	1
Vinyl chloride	ND		ug/kg	140	8.5	1
Chloroethane	ND		ug/kg	140	23.	1
1,1-Dichloroethene	ND		ug/kg	72	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	15.	1
Trichloroethene	ND		ug/kg	72	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	360	11.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04 Date Collected: 12/04/14 12:40

Client ID: WCD-SB-03 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	360	9.7	1
1,4-Dichlorobenzene	ND		ug/kg	360	10.	1
Methyl tert butyl ether	ND		ug/kg	140	6.1	1
p/m-Xylene	ND		ug/kg	140	14.	1
o-Xylene	ND		ug/kg	140	12.	1
Xylene (Total)	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	10.	1
1,2-Dichloroethene (total)	ND		ug/kg	72	10.	1
Dibromomethane	ND		ug/kg	720	12.	1
Styrene	ND		ug/kg	140	29.	1
Dichlorodifluoromethane	ND		ug/kg	720	14.	1
Acetone	ND		ug/kg	720	75.	1
Carbon disulfide	ND		ug/kg	720	80.	1
2-Butanone	ND		ug/kg	720	20.	1
Vinyl acetate	ND		ug/kg	720	9.5	1
4-Methyl-2-pentanone	ND		ug/kg	720	18.	1
1,2,3-Trichloropropane	ND		ug/kg	720	12.	1
2-Hexanone	ND		ug/kg	720	48.	1
Bromochloromethane	ND		ug/kg	360	20.	1
2,2-Dichloropropane	ND		ug/kg	360	16.	1
1,2-Dibromoethane	ND		ug/kg	290	12.	1
1,3-Dichloropropane	ND		ug/kg	360	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	72	23.	1
Bromobenzene	ND		ug/kg	360	15.	1
n-Butylbenzene	ND		ug/kg	72	8.3	1
sec-Butylbenzene	ND		ug/kg	72	8.8	1
tert-Butylbenzene	ND		ug/kg	360	9.8	1
o-Chlorotoluene	ND		ug/kg	360	12.	1
p-Chlorotoluene	ND		ug/kg	360	9.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	360	28.	1
Hexachlorobutadiene	ND		ug/kg	360	16.	1
Isopropylbenzene	ND		ug/kg	72	7.5	1
p-Isopropyltoluene	ND		ug/kg	72	9.0	1
Naphthalene	ND		ug/kg	360	10.	1
Acrylonitrile	ND		ug/kg	720	37.	1
n-Propylbenzene	ND		ug/kg	72	7.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	360	11.	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	360	10.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04 Date Collected: 12/04/14 12:40

Client ID: WCD-SB-03 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	360	10.	1
1,4-Dioxane	ND		ug/kg	7200	1000	1
1,4-Diethylbenzene	ND		ug/kg	290	12.	1
4-Ethyltoluene	22	J	ug/kg	290	9.0	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	290	9.4	1
Ethyl ether	ND		ug/kg	360	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	360	28.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05
Client ID: WCD-SB-03 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 17:08
Analyst: BN
Percent Solids: 97%

Date Collected: 12/04/14 13:12
Date Received: 12/04/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	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	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05 Date Collected: 12/04/14 13:12

Client ID: WCD-SB-03 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylene (Total)	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	2.8	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	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	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.19	1
p-Chlorotoluene	ND		ug/kg	5.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.27	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.60	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05 Date Collected: 12/04/14 13:12

Client ID: WCD-SB-03 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.7	0.19	1
4-Ethyltoluene	ND		ug/kg	4.7	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.46	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG746911-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
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	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
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	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.36	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG746911-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
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	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG746911-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
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	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG746911-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND		ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	91		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-04 Batch: WG747174-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-04 Batch: WG747174-3					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylene (Total)	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene (total)	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-04 Batch: WG747174-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 09:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-04 Batch: WG747174-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND		ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG747562-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
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	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
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	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.59	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG747562-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
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	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG747562-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
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	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG747562-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND		ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG746911-1 WG746911-2								
Methylene chloride	102		95		70-130	7		30
1,1-Dichloroethane	104		103		70-130	1		30
Chloroform	102		101		70-130	1		30
Carbon tetrachloride	110		108		70-130	2		30
1,2-Dichloropropane	99		100		70-130	1		30
Dibromochloromethane	101		102		70-130	1		30
2-Chloroethylvinyl ether	78		83		70-130	6		30
1,1,2-Trichloroethane	101		103		70-130	2		30
Tetrachloroethene	114		111		70-130	3		30
Chlorobenzene	106		106		70-130	0		30
Trichlorofluoromethane	115		108		70-139	6		30
1,2-Dichloroethane	97		99		70-130	2		30
1,1,1-Trichloroethane	108		106		70-130	2		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	100		100		70-130	0		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
1,1-Dichloropropene	111		109		70-130	2		30
Bromoform	84		82		70-130	2		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	102		103		70-130	1		30
Toluene	108		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG746911-1 WG746911-2								
Ethylbenzene	110		110		70-130	0		30
Chloromethane	87		81		52-130	7		30
Bromomethane	99		92		57-147	7		30
Vinyl chloride	96		88		67-130	9		30
Chloroethane	109		97		50-151	12		30
1,1-Dichloroethene	107		103		65-135	4		30
trans-1,2-Dichloroethene	104		101		70-130	3		30
Trichloroethene	105		106		70-130	1		30
1,2-Dichlorobenzene	105		104		70-130	1		30
1,3-Dichlorobenzene	110		108		70-130	2		30
1,4-Dichlorobenzene	107		105		70-130	2		30
Methyl tert butyl ether	103		103		66-130	0		30
p/m-Xylene	112		113		70-130	1		30
o-Xylene	112		112		70-130	0		30
cis-1,2-Dichloroethene	100		100		70-130	0		30
Dibromomethane	96		97		70-130	1		30
Styrene	111		111		70-130	0		30
Dichlorodifluoromethane	78		73		30-146	7		30
Acetone	97		89		54-140	9		30
Carbon disulfide	88		84		59-130	5		30
2-Butanone	93		95		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG746911-1 WG746911-2								
Vinyl acetate	77		78		70-130	1		30
4-Methyl-2-pentanone	75		80		70-130	6		30
1,2,3-Trichloropropane	99		99		68-130	0		30
2-Hexanone	79		79		70-130	0		30
Bromochloromethane	101		99		70-130	2		30
2,2-Dichloropropane	108		106		70-130	2		30
1,2-Dibromoethane	101		100		70-130	1		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	126		123		70-130	2		30
sec-Butylbenzene	118		116		70-130	2		30
tert-Butylbenzene	115		113		70-130	2		30
o-Chlorotoluene	109		107		70-130	2		30
p-Chlorotoluene	112		111		70-130	1		30
1,2-Dibromo-3-chloropropane	81		80		68-130	1		30
Hexachlorobutadiene	115		114		67-130	1		30
Isopropylbenzene	113		110		70-130	3		30
p-Isopropyltoluene	119		117		70-130	2		30
Naphthalene	97		99		70-130	2		30
Acrylonitrile	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG746911-1 WG746911-2								
Isopropyl Ether	98		98		66-130	0		30
tert-Butyl Alcohol	98		96		70-130	2		30
n-Propylbenzene	115		112		70-130	3		30
1,2,3-Trichlorobenzene	105		106		70-130	1		30
1,2,4-Trichlorobenzene	114		112		70-130	2		30
1,3,5-Trimethylbenzene	113		110		70-130	3		30
1,2,4-Trimethylbenzene	115		113		70-130	2		30
Methyl Acetate	104		104		51-146	0		30
Ethyl Acetate	94		96		70-130	2		30
Acrolein	**48**	Q	**45**	Q	70-130	6		30
Cyclohexane	120		119		59-142	1		30
1,4-Dioxane	96		97		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	111		104		50-139	7		30
1,4-Diethylbenzene	118		115		70-130	3		30
4-Ethyltoluene	115		112		70-130	3		30
1,2,4,5-Tetramethylbenzene	103		100		70-130	3		30
Tetrahydrofuran	95		87		66-130	9		30
Ethyl ether	116		114		67-130	2		30
trans-1,4-Dichloro-2-butene	95		96		70-130	1		30
Methyl cyclohexane	122		121		70-130	1		30
Ethyl-Tert-Butyl-Ether	98		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG746911-1 WG746911-2								
Tertiary-Amyl Methyl Ether	96		98		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-04 Batch: WG747174-1 WG747174-2								
Methylene chloride	96		103		70-130	7		30
1,1-Dichloroethane	98		95		70-130	3		30
Chloroform	97		94		70-130	3		30
Carbon tetrachloride	98		93		70-130	5		30
1,2-Dichloropropane	99		97		70-130	2		30
Dibromochloromethane	100		98		70-130	2		30
2-Chloroethylvinyl ether	88		90		70-130	2		30
1,1,2-Trichloroethane	101		99		70-130	2		30
Tetrachloroethene	100		95		70-130	5		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	110		101		70-139	9		30
1,2-Dichloroethane	99		98		70-130	1		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	99		97		70-130	2		30
trans-1,3-Dichloropropene	100		98		70-130	2		30
cis-1,3-Dichloropropene	98		96		70-130	2		30
1,1-Dichloropropene	96		93		70-130	3		30
Bromoform	96		96		70-130	0		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	96		94		70-130	2		30
Toluene	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-04 Batch: WG747174-1 WG747174-2								
Ethylbenzene	98		94		70-130	4		30
Chloromethane	94		91		52-130	3		30
Bromomethane	115		108		57-147	6		30
Vinyl chloride	92		87		67-130	6		30
Chloroethane	130		111		50-151	16		30
1,1-Dichloroethene	95		89		65-135	7		30
trans-1,2-Dichloroethene	96		92		70-130	4		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	99		94		70-130	5		30
1,3-Dichlorobenzene	100		96		70-130	4		30
1,4-Dichlorobenzene	99		96		70-130	3		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	101		98		70-130	3		30
o-Xylene	101		98		70-130	3		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Dibromomethane	100		101		70-130	1		30
Styrene	104		100		70-130	4		30
Dichlorodifluoromethane	91		86		30-146	6		30
Acetone	95		94		54-140	1		30
Carbon disulfide	94		89		59-130	5		30
2-Butanone	94		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-04 Batch: WG747174-1 WG747174-2								
Vinyl acetate	95		94		70-130	1		30
4-Methyl-2-pentanone	75		76		70-130	1		30
1,2,3-Trichloropropane	97		97		68-130	0		30
2-Hexanone	86		88		70-130	2		30
Bromochloromethane	98		98		70-130	0		30
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	100		100		70-130	0		30
1,3-Dichloropropane	100		99		69-130	1		30
1,1,1,2-Tetrachloroethane	99		96		70-130	3		30
Bromobenzene	98		95		70-130	3		30
n-Butylbenzene	100		95		70-130	5		30
sec-Butylbenzene	98		93		70-130	5		30
tert-Butylbenzene	99		94		70-130	5		30
o-Chlorotoluene	103		98		70-130	5		30
p-Chlorotoluene	100		97		70-130	3		30
1,2-Dibromo-3-chloropropane	90		90		68-130	0		30
Hexachlorobutadiene	98		94		67-130	4		30
Isopropylbenzene	96		93		70-130	3		30
p-Isopropyltoluene	99		95		70-130	4		30
Naphthalene	95		93		70-130	2		30
Acrylonitrile	92		92		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-04 Batch: WG747174-1 WG747174-2								
Isopropyl Ether	98		96		66-130	2		30
tert-Butyl Alcohol	88		93		70-130	6		30
n-Propylbenzene	97		94		70-130	3		30
1,2,3-Trichlorobenzene	100		96		70-130	4		30
1,2,4-Trichlorobenzene	101		97		70-130	4		30
1,3,5-Trimethylbenzene	101		96		70-130	5		30
1,2,4-Trimethylbenzene	100		97		70-130	3		30
Methyl Acetate	94		94		51-146	0		30
Ethyl Acetate	94		98		70-130	4		30
Acrolein	88		89		70-130	1		30
Cyclohexane	93		88		59-142	6		30
1,4-Dioxane	86		88		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		88		50-139	6		30
1,4-Diethylbenzene	98		94		70-130	4		30
4-Ethyltoluene	99		95		70-130	4		30
1,2,4,5-Tetramethylbenzene	98		94		70-130	4		30
Tetrahydrofuran	93		94		66-130	1		30
Ethyl ether	103		102		67-130	1		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30
Methyl cyclohexane	89		85		70-130	5		30
Ethyl-Tert-Butyl-Ether	97		96		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-04 Batch: WG747174-1 WG747174-2								
Tertiary-Amyl Methyl Ether	85		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG747562-1 WG747562-2								
Methylene chloride	99		105		70-130	6		30
1,1-Dichloroethane	111		111		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	114		113		70-130	1		30
1,2-Dichloropropane	109		109		70-130	0		30
Dibromochloromethane	106		108		70-130	2		30
2-Chloroethylvinyl ether	86		90		70-130	5		30
1,1,2-Trichloroethane	112		114		70-130	2		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	111		112		70-130	1		30
Trichlorofluoromethane	117		114		70-139	3		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	105		107		70-130	2		30
trans-1,3-Dichloropropene	108		109		70-130	1		30
cis-1,3-Dichloropropene	106		107		70-130	1		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	93		93		70-130	0		30
1,1,2,2-Tetrachloroethane	117		115		70-130	2		30
Benzene	110		110		70-130	0		30
Toluene	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG747562-1 WG747562-2								
Ethylbenzene	116		116		70-130	0		30
Chloromethane	121		117		52-130	3		30
Bromomethane	112		108		57-147	4		30
Vinyl chloride	124		119		67-130	4		30
Chloroethane	142		138		50-151	3		30
1,1-Dichloroethene	108		106		65-135	2		30
trans-1,2-Dichloroethene	106		105		70-130	1		30
Trichloroethene	111		109		70-130	2		30
1,2-Dichlorobenzene	117		115		70-130	2		30
1,3-Dichlorobenzene	121		117		70-130	3		30
1,4-Dichlorobenzene	117		116		70-130	1		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	117		117		70-130	0		30
o-Xylene	115		116		70-130	1		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Dibromomethane	103		105		70-130	2		30
Styrene	117		119		70-130	2		30
Dichlorodifluoromethane	120		114		30-146	5		30
Acetone	100		108		54-140	8		30
Carbon disulfide	106		109		59-130	3		30
2-Butanone	106		108		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG747562-1 WG747562-2								
Vinyl acetate	102		104		70-130	2		30
4-Methyl-2-pentanone	82		85		70-130	4		30
1,2,3-Trichloropropane	116		114		68-130	2		30
2-Hexanone	82		87		70-130	6		30
Bromochloromethane	104		106		70-130	2		30
2,2-Dichloropropane	111		110		70-130	1		30
1,2-Dibromoethane	104		109		70-130	5		30
1,3-Dichloropropane	110		112		69-130	2		30
1,1,1,2-Tetrachloroethane	113		114		70-130	1		30
Bromobenzene	110		109		70-130	1		30
n-Butylbenzene	**131**	Q	125		70-130	5		30
sec-Butylbenzene	124		120		70-130	3		30
tert-Butylbenzene	119		116		70-130	3		30
o-Chlorotoluene	120		118		70-130	2		30
p-Chlorotoluene	121		118		70-130	3		30
1,2-Dibromo-3-chloropropane	98		96		68-130	2		30
Hexachlorobutadiene	120		117		67-130	3		30
Isopropylbenzene	116		113		70-130	3		30
p-Isopropyltoluene	122		119		70-130	2		30
Naphthalene	110		110		70-130	0		30
Acrylonitrile	97		101		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG747562-1 WG747562-2								
Isopropyl Ether	106		109		66-130	3		30
tert-Butyl Alcohol	98		102		70-130	4		30
n-Propylbenzene	121		118		70-130	3		30
1,2,3-Trichlorobenzene	117		116		70-130	1		30
1,2,4-Trichlorobenzene	118		117		70-130	1		30
1,3,5-Trimethylbenzene	121		117		70-130	3		30
1,2,4-Trimethylbenzene	120		118		70-130	2		30
Methyl Acetate	102		104		51-146	2		30
Ethyl Acetate	104		106		70-130	2		30
Acrolein	93		97		70-130	4		30
Cyclohexane	121		119		59-142	2		30
1,4-Dioxane	93		100		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	116		113		50-139	3		30
1,4-Diethylbenzene	123		121		70-130	2		30
4-Ethyltoluene	120		117		70-130	3		30
1,2,4,5-Tetramethylbenzene	104		103		70-130	1		30
Tetrahydrofuran	99		102		66-130	3		30
Ethyl ether	98		98		67-130	0		30
trans-1,4-Dichloro-2-butene	107		107		70-130	0		30
Methyl cyclohexane	117		114		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG747562-1 WG747562-2								
Tertiary-Amyl Methyl Ether	98		101		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01
Client ID: WCD-SB-02 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 02:43
Analyst: RC
Percent Solids: 91%

Date Collected: 12/04/14 09:25
Date Received: 12/04/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	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	59.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	57.	1
1,4-Dichlorobenzene	ND		ug/kg	180	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	39.	1
2,6-Dinitrotoluene	ND		ug/kg	180	46.	1
Fluoranthene	96	J	ug/kg	110	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	55.	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	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	120	1
Hexachloroethane	ND		ug/kg	140	33.	1
Isophorone	ND		ug/kg	160	48.	1
Naphthalene	ND		ug/kg	180	60.	1
Nitrobenzene	ND		ug/kg	160	43.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	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	38.	1
Dimethyl phthalate	ND		ug/kg	180	46.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01 Date Collected: 12/04/14 09:25

Client ID: WCD-SB-02 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	65	J	ug/kg	110	36.	1
Benzo(a)pyrene	65	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	88	J	ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	62	J	ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	140	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	51	J	ug/kg	140	38.	1
Fluorene	ND		ug/kg	180	52.	1
Phenanthrene	52	J	ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)Pyrene	57	J	ug/kg	140	40.	1
Pyrene	84	J	ug/kg	110	35.	1
Biphenyl	ND		ug/kg	410	60.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	51.	1
3-Nitroaniline	ND		ug/kg	180	50.	1
4-Nitroaniline	ND		ug/kg	180	49.	1
Dibenzofuran	ND		ug/kg	180	61.	1
2-Methylnaphthalene	ND		ug/kg	220	58.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	56.	1
Acetophenone	ND		ug/kg	180	56.	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	390	57.	1
4-Nitrophenol	ND		ug/kg	250	59.	1
2,4-Dinitrophenol	ND		ug/kg	870	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	66.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	58.	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: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01 Date Collected: 12/04/14 09:25

Client ID: WCD-SB-02 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	230	J	ug/kg			1
Unknown	300	J	ug/kg			1
Unknown	1300	J	ug/kg			1
Unknown	400	J	ug/kg			1
Unknown Benzene	370	J	ug/kg			1
Unknown Benzene	440	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	102		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02
Client ID: WCD-SB-02 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 03:10
Analyst: RC
Percent Solids: 93%

Date Collected: 12/04/14 09:55
Date Received: 12/04/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

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	180	57.	1
Hexachlorobenzene	ND		ug/kg	100	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	180	57.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	55.	1
1,4-Dichlorobenzene	ND		ug/kg	180	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	180	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	44.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02 Date Collected: 12/04/14 09:55

Client ID: WCD-SB-02 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	180	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	46.	1
2-Nitroaniline	ND		ug/kg	180	49.	1
3-Nitroaniline	ND		ug/kg	180	48.	1
4-Nitroaniline	ND		ug/kg	180	47.	1
Dibenzofuran	ND		ug/kg	180	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	54.	1
Acetophenone	ND		ug/kg	180	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	52.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	240	57.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02 Date Collected: 12/04/14 09:55

Client ID: WCD-SB-02 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	78		0-136
4-Terphenyl-d14	93		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03
Client ID: WCD-SB-02 (25-30)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 03:37
Analyst: RC
Percent Solids: 92%

Date Collected: 12/04/14 10:10
Date Received: 12/04/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	140	37.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	50.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	46.	1
Fluoranthene	69	J	ug/kg	110	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	54.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	24000	E	ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	53.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	35.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	44.	1
Diethyl phthalate	ND		ug/kg	180	38.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03 Date Collected: 12/04/14 10:10

Client ID: WCD-SB-02 (25-30) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	40	J	ug/kg	110	35.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	ND		ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	80	J	ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	180		ug/kg	180	51.	1
Phenanthrene	300		ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	110		ug/kg	110	34.	1
Biphenyl	280	J	ug/kg	400	59.	1
4-Chloroaniline	ND		ug/kg	180	47.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	22000	E	ug/kg	210	57.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	52.	1
2-Chlorophenol	ND		ug/kg	180	54.	1
2,4-Dichlorophenol	ND		ug/kg	160	58.	1
2,4-Dimethylphenol	ND		ug/kg	180	53.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	58.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	65.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	53.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	58.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	38.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03 Date Collected: 12/04/14 10:10

Client ID: WCD-SB-02 (25-30) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	770	J	ug/kg			1
Unknown Benzene	840	J	ug/kg			1
Unknown Benzene	450	J	ug/kg			1
Unknown Benzene	600	J	ug/kg			1
Unknown Benzene	310	J	ug/kg			1
Unknown Benzene	1000	J	ug/kg			1
Unknown Benzene	560	J	ug/kg			1
Unknown	460	J	ug/kg			1
Unknown Benzene	500	J	ug/kg			1
Unknown Benzene	800	J	ug/kg			1
Unknown Benzene	350	J	ug/kg			1
Unknown Benzene	420	J	ug/kg			1
Unknown Benzene	320	J	ug/kg			1
Unknown Alkane	380	J	ug/kg			1
Unknown Benzene	460	J	ug/kg			1
Unknown Benzene	400	J	ug/kg			1
Unknown	6600	J	ug/kg			1
Unknown	8500	J	ug/kg			1
Unknown Benzene	5000	J	ug/kg			1
Unknown	21000	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	96		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-03 D	Date Collected:	12/04/14 10:10
Client ID:	WCD-SB-02 (25-30)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/07/14 01:58
Analytical Date:	12/10/14 22:55		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	34000		ug/kg	890	300	5
2-Methylnaphthalene	27000		ug/kg	1100	280	5

Project Name: Not Specified
Lab Number: L1429136
Project Number: 14-7233
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04
Client ID: WCD-SB-03 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/14 23:22
Analyst: AS
Percent Solids: 89%

Date Collected: 12/04/14 12:40
Date Received: 12/04/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/07/14 02:00

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	34.	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	120		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

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04 Date Collected: 12/04/14 12:40

Client ID: WCD-SB-03 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	55	J	ug/kg	110	36.	1
Benzo(a)pyrene	61	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	59	J	ug/kg	110	37.	1
Benzo(k)fluoranthene	52	J	ug/kg	110	35.	1
Chrysene	75	J	ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	42	J	ug/kg	150	39.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	63	J	ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	41	J	ug/kg	150	41.	1
Pyrene	110		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	57.	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: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04 Date Collected: 12/04/14 12:40

Client ID: WCD-SB-03 (1-4) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Alkene	740	J	ug/kg			1
Benzo(e)Pyrene	200	NJ	ug/kg			1
Unknown	350	J	ug/kg			1
Unknown	2400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	101		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-05	Date Collected:	12/04/14 13:12
Client ID:	WCD-SB-03 (10-13)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/07/14 02:00
Analytical Date:	12/09/14 23:48		
Analyst:	AS		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Naphthalene	ND		ug/kg	170	56.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05 Date Collected: 12/04/14 13:12

Client ID: WCD-SB-03 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	51.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05 Date Collected: 12/04/14 13:12

Client ID: WCD-SB-03 (10-13) Date Received: 12/04/14

Sample Location: 1640 FLATBUSH AVE., BROOKLYN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	101		18-120

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 12:10
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746370-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
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	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
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	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
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	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 12:10
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746370-1					
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
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	31.
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	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 12:10
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/07/14 01:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746370-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
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.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	81		0-136
4-Terphenyl-d14	94		18-120

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 19:59
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 12/07/14 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG746371-1					
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	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	49.
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	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	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	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	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.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 19:59
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 12/07/14 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG746371-1					
Dimethyl phthalate	ND		ug/kg	160	41.
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	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	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	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.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/09/14 19:59
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 12/07/14 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG746371-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
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	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	78		0-136
4-Terphenyl-d14	109		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746370-2 WG746370-3								
Acenaphthene	78		80		31-137	3		50
1,2,4-Trichlorobenzene	72		75		38-107	4		50
Hexachlorobenzene	85		86		40-140	1		50
Bis(2-chloroethyl)ether	69		72		40-140	4		50
2-Chloronaphthalene	79		79		40-140	0		50
1,2-Dichlorobenzene	64		70		40-140	9		50
1,3-Dichlorobenzene	62		68		40-140	9		50
1,4-Dichlorobenzene	62		68		28-104	9		50
3,3'-Dichlorobenzidine	64		68		40-140	6		50
2,4-Dinitrotoluene	89		**92**	Q	28-89	3		50
2,6-Dinitrotoluene	90		93		40-140	3		50
Fluoranthene	90		92		40-140	2		50
4-Chlorophenyl phenyl ether	84		86		40-140	2		50
4-Bromophenyl phenyl ether	87		90		40-140	3		50
Bis(2-chloroisopropyl)ether	72		75		40-140	4		50
Bis(2-chloroethoxy)methane	79		79		40-117	0		50
Hexachlorobutadiene	68		72		40-140	6		50
Hexachlorocyclopentadiene	73		69		40-140	6		50
Hexachloroethane	60		66		40-140	10		50
Isophorone	81		81		40-140	0		50
Naphthalene	69		72		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746370-2 WG746370-3								
Nitrobenzene	70		73		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		95			2		50
n-Nitrosodi-n-propylamine	84		85		32-121	1		50
Bis(2-Ethylhexyl)phthalate	98		99		40-140	1		50
Butyl benzyl phthalate	92		93		40-140	1		50
Di-n-butylphthalate	92		93		40-140	1		50
Di-n-octylphthalate	100		100		40-140	0		50
Diethyl phthalate	89		90		40-140	1		50
Dimethyl phthalate	84		89		40-140	6		50
Benzo(a)anthracene	89		91		40-140	2		50
Benzo(a)pyrene	94		94		40-140	0		50
Benzo(b)fluoranthene	88		89		40-140	1		50
Benzo(k)fluoranthene	91		94		40-140	3		50
Chrysene	88		90		40-140	2		50
Acenaphthylene	82		81		40-140	1		50
Anthracene	87		89		40-140	2		50
Benzo(ghi)perylene	90		92		40-140	2		50
Fluorene	84		86		40-140	2		50
Phenanthrene	85		89		40-140	5		50
Dibenzo(a,h)anthracene	90		94		40-140	4		50
Indeno(1,2,3-cd)Pyrene	90		92		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746370-2 WG746370-3								
Pyrene	87		89		35-142	2		50
Biphenyl	83		84			1		50
4-Chloroaniline	93		94		40-140	1		50
2-Nitroaniline	94		98		47-134	4		50
3-Nitroaniline	75		74		26-129	1		50
4-Nitroaniline	94		95		41-125	1		50
Dibenzofuran	84		86		40-140	2		50
2-Methylnaphthalene	81		82		40-140	1		50
1,2,4,5-Tetrachlorobenzene	78		80		40-117	3		50
Acetophenone	82		85		14-144	4		50
2,4,6-Trichlorophenol	96		97		30-130	1		50
P-Chloro-M-Cresol	96		99		26-103	3		50
2-Chlorophenol	80		83		25-102	4		50
2,4-Dichlorophenol	89		91		30-130	2		50
2,4-Dimethylphenol	92		86		30-130	7		50
2-Nitrophenol	88		90		30-130	2		50
4-Nitrophenol	104		108		11-114	4		50
2,4-Dinitrophenol	35		35		4-130	0		50
4,6-Dinitro-o-cresol	89		89		10-130	0		50
Pentachlorophenol	98		92		17-109	6		50
Phenol	80		82		26-90	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746370-2 WG746370-3								
2-Methylphenol	87		87		30-130.	0		50
3-Methylphenol/4-Methylphenol	90		91		30-130	1		50
2,4,5-Trichlorophenol	97		99		30-130	2		50
Benzoic Acid	10		10			1		50
Benzyl Alcohol	84		85		40-140	1		50
Carbazole	93		96		54-128	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		79		25-120
Phenol-d6	82		84		10-120
Nitrobenzene-d5	76		78		23-120
2-Fluorobiphenyl	83		83		30-120
2,4,6-Tribromophenol	101		105		0-136
4-Terphenyl-d14	92		92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG746371-2 WG746371-3								
Acenaphthene	76		74		31-137	3		50
1,2,4-Trichlorobenzene	77		76		38-107	1		50
Hexachlorobenzene	80		83		40-140	4		50
Bis(2-chloroethyl)ether	64		68		40-140	6		50
2-Chloronaphthalene	80		79		40-140	1		50
1,2-Dichlorobenzene	70		71		40-140	1		50
1,3-Dichlorobenzene	69		71		40-140	3		50
1,4-Dichlorobenzene	68		68		28-104	0		50
3,3'-Dichlorobenzidine	63		66		40-140	5		50
2,4-Dinitrotoluene	86		**91**	Q	28-89	6		50
2,6-Dinitrotoluene	81		91		40-140	12		50
Fluoranthene	90		92		40-140	2		50
4-Chlorophenyl phenyl ether	79		80		40-140	1		50
4-Bromophenyl phenyl ether	84		85		40-140	1		50
Bis(2-chloroisopropyl)ether	54		54		40-140	0		50
Bis(2-chloroethoxy)methane	69		70		40-117	1		50
Hexachlorobutadiene	77		72		40-140	7		50
Hexachlorocyclopentadiene	79		68		40-140	15		50
Hexachloroethane	63		61		40-140	3		50
Isophorone	71		71		40-140	0		50
Naphthalene	72		69		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG746371-2 WG746371-3								
Nitrobenzene	76		71		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	87		91			4		50
n-Nitrosodi-n-propylamine	70		69		32-121	1		50
Bis(2-Ethylhexyl)phthalate	82		86		40-140	5		50
Butyl benzyl phthalate	86		88		40-140	2		50
Di-n-butylphthalate	86		87		40-140	1		50
Di-n-octylphthalate	85		89		40-140	5		50
Diethyl phthalate	82		85		40-140	4		50
Dimethyl phthalate	79		80		40-140	1		50
Benzo(a)anthracene	86		87		40-140	1		50
Benzo(a)pyrene	86		89		40-140	3		50
Benzo(b)fluoranthene	86		91		40-140	6		50
Benzo(k)fluoranthene	83		84		40-140	1		50
Chrysene	84		86		40-140	2		50
Acenaphthylene	80		81		40-140	1		50
Anthracene	85		85		40-140	0		50
Benzo(ghi)perylene	87		87		40-140	0		50
Fluorene	80		81		40-140	1		50
Phenanthrene	86		84		40-140	2		50
Dibenzo(a,h)anthracene	88		90		40-140	2		50
Indeno(1,2,3-cd)Pyrene	88		89		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG746371-2 WG746371-3								
Pyrene	88		91		35-142	3		50
Biphenyl	83		78			6		50
4-Chloroaniline	62		65		40-140	5		50
2-Nitroaniline	90		90		47-134	0		50
3-Nitroaniline	62		65		26-129	5		50
4-Nitroaniline	88		95		41-125	8		50
Dibenzofuran	82		82		40-140	0		50
2-Methylnaphthalene	82		82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	79		75		40-117	5		50
Acetophenone	78		82		14-144	5		50
2,4,6-Trichlorophenol	94		96		30-130	2		50
P-Chloro-M-Cresol	91		93		26-103	2		50
2-Chlorophenol	80		81		25-102	1		50
2,4-Dichlorophenol	93		89		30-130	4		50
2,4-Dimethylphenol	81		75		30-130	8		50
2-Nitrophenol	82		83		30-130	1		50
4-Nitrophenol	107		**118**	Q	11-114	10		50
2,4-Dinitrophenol	30		36		4-130	18		50
4,6-Dinitro-o-cresol	92		95		10-130	3		50
Pentachlorophenol	90		88		17-109	2		50
Phenol	82		85		26-90	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG746371-2 WG746371-3								
2-Methylphenol	80		84		30-130.	5		50
3-Methylphenol/4-Methylphenol	86		89		30-130	3		50
2,4,5-Trichlorophenol	100		104		30-130	4		50
Benzoic Acid	5	Q	8	Q		**57**	Q	50
Benzyl Alcohol	79		80		40-140	1		50
Carbazole	93		94		54-128	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		79		25-120
Phenol-d6	79		81		10-120
Nitrobenzene-d5	75		75		23-120
2-Fluorobiphenyl	84		82		30-120
2,4,6-Tribromophenol	98		94		0-136
4-Terphenyl-d14	93		95		18-120

PCBS

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-01	Date Collected:	12/04/14 09:25
Client ID:	WCD-SB-02 (1-4)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/07/14 09:25
Analytical Date:	12/09/14 18:16	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	2.84	1	A
Aroclor 1221	ND		ug/kg	36.0	3.32	1	A
Aroclor 1232	ND		ug/kg	36.0	4.22	1	A
Aroclor 1242	ND		ug/kg	36.0	4.40	1	A
Aroclor 1248	ND		ug/kg	36.0	3.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.96	1	A
Aroclor 1260	ND		ug/kg	36.0	2.74	1	A
Aroclor 1262	ND		ug/kg	36.0	1.78	1	A
Aroclor 1268	ND		ug/kg	36.0	5.22	1	A
PCBs, Total	ND		ug/kg	36.0	1.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-02	Date Collected:	12/04/14 09:55
Client ID:	WCD-SB-02 (10-13)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/07/14 09:25
Analytical Date:	12/09/14 18:28	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	2.76	1	A
Aroclor 1221	ND		ug/kg	34.9	3.22	1	A
Aroclor 1232	ND		ug/kg	34.9	4.10	1	A
Aroclor 1242	ND		ug/kg	34.9	4.28	1	A
Aroclor 1248	ND		ug/kg	34.9	2.95	1	A
Aroclor 1254	ND		ug/kg	34.9	2.87	1	A
Aroclor 1260	ND		ug/kg	34.9	2.66	1	A
Aroclor 1262	ND		ug/kg	34.9	1.73	1	A
Aroclor 1268	ND		ug/kg	34.9	5.07	1	A
PCBs, Total	ND		ug/kg	34.9	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-03	Date Collected:	12/04/14 10:10
Client ID:	WCD-SB-02 (25-30)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/07/14 09:25
Analytical Date:	12/09/14 18:41	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
Percent Solids:	92%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	2.74	1	A
Aroclor 1221	ND		ug/kg	34.6	3.19	1	A
Aroclor 1232	ND		ug/kg	34.6	4.06	1	A
Aroclor 1242	ND		ug/kg	34.6	4.24	1	A
Aroclor 1248	ND		ug/kg	34.6	2.92	1	A
Aroclor 1254	ND		ug/kg	34.6	2.85	1	A
Aroclor 1260	ND		ug/kg	34.6	2.64	1	A
Aroclor 1262	ND		ug/kg	34.6	1.72	1	A
Aroclor 1268	ND		ug/kg	34.6	5.02	1	A
PCBs, Total	ND		ug/kg	34.6	1.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-04	Date Collected:	12/04/14 12:40
Client ID:	WCD-SB-03 (1-4)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/07/14 09:25
Analytical Date:	12/09/14 19:44	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.33	1	A
Aroclor 1242	ND		ug/kg	37.0	4.52	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	ND		ug/kg	37.0	3.04	1	A
Aroclor 1260	ND		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.83	1	A
Aroclor 1268	ND		ug/kg	37.0	5.36	1	A
PCBs, Total	ND		ug/kg	37.0	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-05	Date Collected:	12/04/14 13:12
Client ID:	WCD-SB-03 (10-13)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/07/14 09:25
Analytical Date:	12/09/14 19:57	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
Percent Solids:	97%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	2.67	1	A
Aroclor 1221	ND		ug/kg	33.8	3.12	1	A
Aroclor 1232	ND		ug/kg	33.8	3.97	1	A
Aroclor 1242	ND		ug/kg	33.8	4.14	1	A
Aroclor 1248	ND		ug/kg	33.8	2.86	1	A
Aroclor 1254	ND		ug/kg	33.8	2.78	1	A
Aroclor 1260	ND		ug/kg	33.8	2.58	1	A
Aroclor 1262	ND		ug/kg	33.8	1.68	1	A
Aroclor 1268	ND		ug/kg	33.8	4.91	1	A
PCBs, Total	ND		ug/kg	33.8	1.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/09/14 18:54
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/07/14 09:25
Cleanup Method: EPA 3665A
Cleanup Date: 12/08/14
Cleanup Method: EPA 3660B
Cleanup Date: 12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG746387-1						
Aroclor 1016	ND		ug/kg	32.7	2.58	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.83	A
Aroclor 1242	ND		ug/kg	32.7	4.00	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.49	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.74	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG746387-2 WG746387-3									
Aroclor 1016	71		65		40-140	9		50	A
Aroclor 1260	69		64		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		65		30-150	A
Decachlorobiphenyl	68		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		71		30-150	B
Decachlorobiphenyl	70		67		30-150	B

PESTICIDES

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-01	Date Collected:	12/04/14 09:25
Client ID:	WCD-SB-02 (1-4)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/06/14 11:28
Analytical Date:	12/08/14 17:27	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/07/14
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.635	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin ketone	ND		ug/kg	1.68	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.387	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	2.97	J	ug/kg	3.14	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	ND		ug/kg	2.09	0.584	1	A
trans-Chlordane	ND		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	13.6	5.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-02	Date Collected:	12/04/14 09:55
Client ID:	WCD-SB-02 (10-13)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/06/14 11:28
Analytical Date:	12/08/14 17:42	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/07/14
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.695	0.310	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.938	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin ketone	ND		ug/kg	1.67	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	3.13	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.973	1	A
Toxaphene	ND		ug/kg	31.3	8.75	1	A
cis-Chlordane	ND		ug/kg	2.08	0.581	1	A
trans-Chlordane	ND		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.5	5.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-03	Date Collected:	12/04/14 10:10
Client ID:	WCD-SB-02 (25-30)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/06/14 11:28
Analytical Date:	12/08/14 17:58	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/07/14
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	3.14	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.396	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.6	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: Not Specified **Lab Number:** L1429136

Project Number: 14-7233 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-04	Date Collected:	12/04/14 12:40
Client ID:	WCD-SB-03 (1-4)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/06/14 11:28
Analytical Date:	12/08/14 18:13	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/07/14
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.880	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	3.30	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.581	1	A
Chlordane	ND		ug/kg	14.3	5.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID:	L1429136-05	Date Collected:	12/04/14 13:12
Client ID:	WCD-SB-03 (10-13)	Date Received:	12/04/14
Sample Location:	1640 FLATBUSH AVE., BROOKLYN	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/06/14 11:28
Analytical Date:	12/08/14 18:29	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/07/14
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.667	0.298	1	A
Alpha-BHC	ND		ug/kg	0.667	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.607	1	A
Heptachlor	ND		ug/kg	0.800	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.563	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.900	1	A
Endrin	ND		ug/kg	0.667	0.273	1	A
Endrin ketone	ND		ug/kg	1.60	0.412	1	A
Dieldrin	ND		ug/kg	1.00	0.500	1	A
4,4'-DDE	ND		ug/kg	1.60	0.370	1	A
4,4'-DDD	ND		ug/kg	1.60	0.571	1	A
4,4'-DDT	ND		ug/kg	3.00	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.535	1	A
Endosulfan sulfate	ND		ug/kg	0.667	0.317	1	A
Methoxychlor	ND		ug/kg	3.00	0.933	1	A
Toxaphene	ND		ug/kg	30.0	8.40	1	A
cis-Chlordane	ND		ug/kg	2.00	0.557	1	A
trans-Chlordane	ND		ug/kg	2.00	0.528	1	A
Chlordane	ND		ug/kg	13.0	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/08/14 12:47
Analyst: GP

Extraction Method: EPA 3546
Extraction Date: 12/06/14 11:28
Cleanup Method: EPA 3620B
Cleanup Date: 12/07/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG746270-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.760	0.341	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.855	A
Endrin	ND		ug/kg	0.633	0.260	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.950	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.887	A
Toxaphene	ND		ug/kg	28.5	7.98	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.502	A
Chlordane	ND		ug/kg	12.3	5.03	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	78		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG746270-2 WG746270-3									
Delta-BHC	69		80		30-150	15		30	A
Lindane	79		89		30-150	12		30	A
Alpha-BHC	90		101		30-150	12		30	A
Beta-BHC	99		108		30-150	9		30	A
Heptachlor	78		90		30-150	14		30	A
Aldrin	80		91		30-150	13		30	A
Heptachlor epoxide	75		86		30-150	14		30	A
Endrin	90		107		30-150	17		30	A
Endrin ketone	74		88		30-150	17		30	A
Dieldrin	82		93		30-150	13		30	A
4,4'-DDE	79		87		30-150	10		30	A
4,4'-DDD	79		91		30-150	14		30	A
4,4'-DDT	82		97		30-150	17		30	A
Endosulfan I	75		86		30-150	14		30	A
Endosulfan II	73		84		30-150	14		30	A
Endosulfan sulfate	76		91		30-150	18		30	A
Methoxychlor	88		101		30-150	14		30	A
cis-Chlordane	76		94		30-150	21		30	A
trans-Chlordane	80		95		30-150	17		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG746270-2 WG746270-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		90		30-150	B
Decachlorobiphenyl	78		85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	A
Decachlorobiphenyl	72		70		30-150	A

METALS

Project Name: Not Specified
Lab Number: L1429136
Project Number: 14-7233
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01
Client ID: WCD-SB-02 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Percent Solids: 91%

Date Collected: 12/04/14 09:25
Date Received: 12/04/14
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	8000		mg/kg	8.4	1.7	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.67	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Arsenic, Total	7.4		mg/kg	0.84	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Barium, Total	56		mg/kg	0.84	0.25	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Beryllium, Total	0.40	J	mg/kg	0.42	0.08	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.84	0.06	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Calcium, Total	8000		mg/kg	8.4	2.5	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.84	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Cobalt, Total	4.6		mg/kg	1.7	0.42	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Copper, Total	30		mg/kg	0.84	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.2	1.7	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Lead, Total	84		mg/kg	4.2	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	8.4	0.84	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.84	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Mercury, Total	0.14		mg/kg	0.07	0.02	1	12/05/14 09:29	12/05/14 11:13	EPA 7471B	1,7471B	MC
Nickel, Total	24		mg/kg	2.1	0.34	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Potassium, Total	750		mg/kg	210	34.	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.25	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.84	0.17	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Sodium, Total	440		mg/kg	170	25.	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Vanadium, Total	17		mg/kg	0.84	0.08	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT
Zinc, Total	62		mg/kg	4.2	0.59	2	12/05/14 21:44	12/08/14 15:17	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Lab Number: L1429136
Project Number: 14-7233
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02
Client ID: WCD-SB-02 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Percent Solids: 93%

Date Collected: 12/04/14 09:55
Date Received: 12/04/14
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	5300		mg/kg	8.5	1.7	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.68	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Arsenic, Total	4.1		mg/kg	0.85	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Barium, Total	32		mg/kg	0.85	0.26	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.29	J	mg/kg	0.43	0.09	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.85	0.06	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Calcium, Total	1300		mg/kg	8.5	2.6	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.85	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Cobalt, Total	5.4		mg/kg	1.7	0.43	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Copper, Total	18		mg/kg	0.85	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.3	1.7	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Lead, Total	18		mg/kg	4.3	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Magnesium, Total	1900		mg/kg	8.5	0.85	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	0.85	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/05/14 09:29	12/05/14 11:15	EPA 7471B	1,7471B	MC
Nickel, Total	26		mg/kg	2.1	0.34	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Potassium, Total	500		mg/kg	210	34.	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Sodium, Total	95	J	mg/kg	170	26.	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.85	0.09	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT
Zinc, Total	26		mg/kg	4.3	0.60	2	12/05/14 21:44	12/08/14 15:59	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Lab Number: L1429136
Project Number: 14-7233
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03
Client ID: WCD-SB-02 (25-30)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Percent Solids: 92%

Date Collected: 12/04/14 10:10
Date Received: 12/04/14
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	2600		mg/kg	8.2	1.6	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Arsenic, Total	2.1		mg/kg	0.82	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Barium, Total	16		mg/kg	0.82	0.25	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Beryllium, Total	0.16	J	mg/kg	0.41	0.08	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.82	0.06	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Calcium, Total	630		mg/kg	8.2	2.5	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.82	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Cobalt, Total	4.7		mg/kg	1.6	0.41	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Copper, Total	7.6		mg/kg	0.82	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Iron, Total	6900		mg/kg	4.1	1.6	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Lead, Total	7.6		mg/kg	4.1	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Magnesium, Total	1800		mg/kg	8.2	0.82	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Manganese, Total	60		mg/kg	0.82	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/05/14 09:29	12/05/14 11:17	EPA 7471B	1,7471B	MC
Nickel, Total	49		mg/kg	2.1	0.33	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Potassium, Total	530		mg/kg	210	33.	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.25	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.82	0.16	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Sodium, Total	79	J	mg/kg	160	25.	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.33	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.82	0.08	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.1	0.58	2	12/05/14 21:44	12/08/14 16:03	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04
Client ID: WCD-SB-03 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Percent Solids: 89%
Date Collected: 12/04/14 12:40
Date Received: 12/04/14
Field Prep: Not Specified

Total Metals - Westborough Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	12000		mg/kg	8.8	1.8	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Arsenic, Total	5.8		mg/kg	0.88	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Barium, Total	70		mg/kg	0.88	0.26	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Beryllium, Total	0.34	J	mg/kg	0.44	0.09	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.88	0.06	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Calcium, Total	960		mg/kg	8.8	2.6	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.88	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Cobalt, Total	4.3		mg/kg	1.8	0.44	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Copper, Total	9.2		mg/kg	0.88	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.4	1.8	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Lead, Total	65		mg/kg	4.4	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Magnesium, Total	1600		mg/kg	8.8	0.88	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.88	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Mercury, Total	0.12		mg/kg	0.08	0.02	1	12/05/14 09:29	12/05/14 11:19	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.2	0.35	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	220	35.	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	26.	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.88	0.09	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT
Zinc, Total	63		mg/kg	4.4	0.62	2	12/05/14 21:44	12/08/14 16:06	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Lab Number: L1429136
Project Number: 14-7233
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05
Client ID: WCD-SB-03 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil
Percent Solids: 97%

Date Collected: 12/04/14 13:12
Date Received: 12/04/14
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	3400		mg/kg	8.0	1.6	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Arsenic, Total	3.1		mg/kg	0.80	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Barium, Total	25		mg/kg	0.80	0.24	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Beryllium, Total	0.24	J	mg/kg	0.40	0.08	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Calcium, Total	520		mg/kg	8.0	2.4	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Chromium, Total	9.7		mg/kg	0.80	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Cobalt, Total	5.8		mg/kg	1.6	0.40	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Copper, Total	9.2		mg/kg	0.80	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Iron, Total	8800		mg/kg	4.0	1.6	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Lead, Total	3.8	J	mg/kg	4.0	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	8.0	0.80	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Manganese, Total	280		mg/kg	0.80	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/05/14 09:29	12/05/14 11:20	EPA 7471B	1,7471B	MC
Nickel, Total	34		mg/kg	2.0	0.32	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Potassium, Total	330		mg/kg	200	32.	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Sodium, Total	58	J	mg/kg	160	24.	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Vanadium, Total	12		mg/kg	0.80	0.08	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.0	0.56	2	12/05/14 21:44	12/08/14 16:10	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

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: WG745893-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/05/14 09:29	12/05/14 11:09	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): 01-05 Batch: WG746143-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/05/14 21:44	12/08/14 15:09	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429136
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG745893-2 SRM Lot Number: D083-540								
Mercury, Total	126		-		75-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG746143-2 SRM Lot Number: D083-540					
Aluminum, Total	80	-	51-148	-	
Antimony, Total	172	-	1-210	-	
Arsenic, Total	106	-	78-122	-	
Barium, Total	96	-	82-117	-	
Beryllium, Total	99	-	82-118	-	
Cadmium, Total	100	-	82-118	-	
Calcium, Total	90	-	82-118	-	
Chromium, Total	98	-	79-121	-	
Cobalt, Total	96	-	83-117	-	
Copper, Total	101	-	80-120	-	
Iron, Total	99	-	47-153	-	
Lead, Total	94	-	81-119	-	
Magnesium, Total	86	-	75-124	-	
Manganese, Total	95	-	81-119	-	
Nickel, Total	98	-	82-118	-	
Potassium, Total	92	-	70-130	-	
Selenium, Total	102	-	78-123	-	
Silver, Total	99	-	74-125	-	
Sodium, Total	89	-	70-130	-	
Thallium, Total	95	-	78-122	-	
Vanadium, Total	103	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG746143-2 SRM Lot Number: D083-540					
Zinc, Total	97	-	80-121	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

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: WG745893-3 WG745893-4 QC Sample: L1429195-10 Client ID: MS Sample												
Mercury, Total	0.39	0.179	0.53	**78**	Q	1.1	**381**	Q	80-120	**70**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

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): 01-05 QC Batch ID: WG746143-4 QC Sample: L1429136-01 Client ID: WCD-SB-02 (1-4)										
Aluminum, Total	8000	173	10000	**1160**	Q	-	-	75-125	-	20
Antimony, Total	ND	43.2	41	95		-	-	75-125	-	20
Arsenic, Total	7.4	10.4	16	83		-	-	75-125	-	20
Barium, Total	56.	173	230	101		-	-	75-125	-	20
Beryllium, Total	0.40J	4.32	4.6	106		-	-	75-125	-	20
Cadmium, Total	ND	4.41	4.2	95		-	-	75-125	-	20
Calcium, Total	8000	864	6000	**0**	Q	-	-	75-125	-	20
Chromium, Total	12.	17.3	36	**139**	Q	-	-	75-125	-	20
Cobalt, Total	4.6	43.2	44	91		-	-	75-125	-	20
Copper, Total	30.	21.6	54	111		-	-	75-125	-	20
Iron, Total	11000	86.4	15000	**4630**	Q	-	-	75-125	-	20
Lead, Total	84.	44.1	110	**59**	Q	-	-	75-125	-	20
Magnesium, Total	2000	864	4100	**243**	Q	-	-	75-125	-	20
Manganese, Total	200	43.2	310	**254**	Q	-	-	75-125	-	20
Nickel, Total	24.	43.2	66	97		-	-	75-125	-	20
Potassium, Total	750	864	2900	**249**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.4	9.3	90		-	-	75-125	-	20
Silver, Total	ND	25.9	26	100		-	-	75-125	-	20
Sodium, Total	440	864	1100	76		-	-	75-125	-	20
Thallium, Total	ND	10.4	7.3	**70**	Q	-	-	75-125	-	20
Vanadium, Total	17.	43.2	68	118		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

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): 01-05 QC Batch ID: WG746143-4 QC Sample: L1429136-01 Client ID: WCD-SB-02 (1-4)									
Zinc, Total	62.	43.2	110	111	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746143-3 QC Sample: L1429136-01 Client ID: WCD-SB-02 (1-4)						
Aluminum, Total	8000	7100	mg/kg	12		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.4	6.6	mg/kg	11		20
Barium, Total	56.	48	mg/kg	15		20
Beryllium, Total	0.40J	0.31J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	8000	6300	mg/kg	**24**	Q	20
Chromium, Total	12.	13	mg/kg	8		20
Cobalt, Total	4.6	5.5	mg/kg	18		20
Copper, Total	30.	30	mg/kg	0		20
Iron, Total	11000	13000	mg/kg	17		20
Lead, Total	84.	80	mg/kg	5		20
Magnesium, Total	2000	2000	mg/kg	0		20
Manganese, Total	200	240	mg/kg	18		20
Nickel, Total	24.	26	mg/kg	8		20
Potassium, Total	750	690	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	440	210	mg/kg	**71**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746143-3 QC Sample: L1429136-01 Client ID: WCD-SB-02 (1-4)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	17.	19	mg/kg	11	20
Zinc, Total	62.	62	mg/kg	0	20

INORGANICS
&
MISCELLANEOUS

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-01
Client ID: WCD-SB-02 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil

Date Collected: 12/04/14 09:25
Date Received: 12/04/14
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	91.3		%	0.100	NA	1	-	12/05/14 21:12	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	12/05/14 15:08	12/08/14 14:57	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.88	0.18	1	12/08/14 12:05	12/08/14 19:20	1,7196A	MD

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-02
Client ID: WCD-SB-02 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil

Date Collected: 12/04/14 09:55
Date Received: 12/04/14
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	92.8		%	0.100	NA	1	-	12/05/14 21:12	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	12/05/14 15:08	12/08/14 14:57	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	12/08/14 12:05	12/08/14 19:20	1,7196A	MD

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-03
Client ID: WCD-SB-02 (25-30)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil

Date Collected: 12/04/14 10:10
Date Received: 12/04/14
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	91.6		%	0.100	NA	1	-	12/05/14 21:12	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	12/05/14 15:08	12/08/14 15:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.87	0.17	1	12/08/14 12:05	12/08/14 19:21	1,7196A	MD

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-04
Client ID: WCD-SB-03 (1-4)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil

Date Collected: 12/04/14 12:40
Date Received: 12/04/14
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	88.5		%	0.100	NA	1	-	12/05/14 21:12	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	12/05/14 15:08	12/08/14 15:22	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	12/08/14 12:05	12/08/14 19:22	1,7196A	MD

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

SAMPLE RESULTS

Lab ID: L1429136-05
Client ID: WCD-SB-03 (10-13)
Sample Location: 1640 FLATBUSH AVE., BROOKLYN
Matrix: Soil

Date Collected: 12/04/14 13:12
Date Received: 12/04/14
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	97.2		%	0.100	NA	1	-	12/05/14 21:12	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.94	0.22	1	12/05/14 15:08	12/08/14 15:22	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.82	0.16	1	12/08/14 12:05	12/08/14 19:22	1,7196A	MD

Project Name:

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG746042-1										
Cyanide, Total	ND		mg/kg	0.95	0.22	1	12/05/14 15:08	12/08/14 14:26	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG746565-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/08/14 12:05	12/08/14 19:18	1,7196A	MD

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429136

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG746042-2 WG746042-3								
Cyanide, Total	117		114		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG746565-2								
Chromium, Hexavalent	97		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746042-4 WG746042-5 QC Sample: L1429136-05 Client ID: WCD-SB-03 (10-13)												
Cyanide, Total	ND	10	9.6	96		9.3	98		65-135	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746565-5 QC Sample: L1429136-05 Client ID: WCD-SB-03 (10-13)												
Chromium, Hexavalent	ND	1120	1100	98		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746145-1 QC Sample: L1429070-01 Client ID: DUP Sample						
Solids, Total	87.0	86.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG746565-4 QC Sample: L1429136-05 Client ID: WCD-SB-03 (10-13)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/05/2014 01:46

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429136-01A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-01B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-01C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-01D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1429136-01E	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-01F	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-01X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-01Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-01Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-02A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-02B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-02C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429136-02D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1429136-02E	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-02F	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-02X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-02Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-02Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-03A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-03B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-03C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-03D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1429136-03E	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429136-03F	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-03X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-03Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-03Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-04A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-04B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-04C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-04D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1429136-04E	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-04F	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-04X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-04Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-04Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-05A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429136
Report Date: 12/11/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429136-05B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-05C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1429136-05D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1429136-05E	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-05F	Glass 250ml/8oz unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429136-05X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-05Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1429136-05Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	Not Specified	**Lab Number:**	L1429136
Project Number:	14-7233	**Report Date:**	12/11/14

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L1429136
Project Number:	14-7233	**Report Date:**	12/11/14

Data Qualifiers

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.

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:	Not Specified	**Lab Number:**	L1429136
Project Number:	14-7233	**Report Date:**	12/11/14

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.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA 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, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Revised 12/11/14 BV

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/4/14

ALPHA Job #: L1429136

Project Information

Project Name:
Project Location: 1640 FLATBUSH AVE BROOKLYN.
Project # 14-7233
(Use Project name as Project #) ☐
Project Manager: WES LINDEMUTH
ALPHAQuote #:

Client Information

Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK, NY
Phone: 212-631-9000
Fax:
Email: wlindemuth@wcdgroup.com

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ 12/11/14 # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ 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	TCL VOC (CP51 +10 VOC)	TCL CP-51 SVOCs +20	TAL METALS + Hex Cr	TCL PCBs + Pest	~~TCL~~ KH 12/4/14				Sample Specific Comments	Total Bottle
29136 1	WCD-SB-02 (1-4)	12/4/14	9:25	SOIL	KH	X	X	X	X						
2	WCD-SB-02 (10-13)	12/4/14	9:55	SOIL	KH	X	X	X	X						
3	WCD-SB-02 (25-30)	12/4/14	10:10	SOIL	KH	X	X	X	X						
4	WCD-SB-03 (1-4)	12/4/14	12:40	SOIL	KH	X	X	X	X						
5	WCD-SB-03 (10-13)	12/4/14	13:12	SOIL	KH	X	X	X	X						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/4/14 14:50	[signature] AAL	12/4/14 1550
[signature]	12/4/14 1850	Tom Tower	12-4-14 1850
Tom Tower	12-4-14 23:58	Richard Scott	12/4/14 23:58

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/4/14

ALPHA Job #: L1429136

Project Information

Project Name:
Project Location: 1640 FLATBUSH AVE BROOKLYN.
Project #: 14-7233
(Use Project name as Project #) ☐
Project Manager: WES LINDEMUTH
ALPHAQuote #:

Client Information

Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK, NY
Phone: 212-631-9000
Fax:
Email: wlindemuth@wcdgroup.com

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ 12/11/14 # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ 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	TCL VOC (CP51 +10) VOC	TCL/CP-51 SVOCs +20	TAL METALS + Hex Cr cyanide	TCL PCBs + Pest	~~TCL~~ KH 12/4/14				Sample Specific Comments	Total Bottle
29136 1	WCD-SB-02 (1-4)	12/4/14		SOIL	KH	X	X	X	X						
2	WCD-SB-02 (10-13)	12/4/14		SOIL	KH	X	X	X	X						
3	WCD-SB-02 (25-30)	12/4/14		SOIL	KH	X	X	X	X						
4	WCD-SB-03 (1-4)	12/4/14		SOIL	KH	X	X	X	X						
5	WCD-SB-03 (10-13)	12/4/14		SOIL	KH	X	X	X	X						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/4/14 14:50	[signature] AAL	12/4/14 1550
[signature]	12/4/14 1850	Tom Tower	12-4-14 1850
Tom Tower	12-4-14 23:58	Richard Scott	12/4/14 23:58

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1429291
Client:	Emteque LLC, A WCD Group Company A WCD Group Company 1350 Broadway, Suite 1904 New York, NY 10018
ATTN:	Wes Lindemuth
Phone:	(212) 631-9000
Project Name:	Not Specified
Project Number:	14-7233
Report Date:	12/12/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429291-01	WCD-SB-04 (1-4)	SOIL	1640 FLATBUSH AVE	12/05/14 09:20	12/05/14
L1429291-02	WCD-SB-04 (10-13)	SOIL	1640 FLATBUSH AVE	12/05/14 10:10	12/05/14
L1429291-03	WCD-SB-01 (1-4)	SOIL	1640 FLATBUSH AVE	12/05/14 12:05	12/05/14
L1429291-04	WCD-SB-01 (10-13)	SOIL	1640 FLATBUSH AVE	12/05/14 12:15	12/05/14
L1429291-05	WCD-SB-01 (30-31)	SOIL	1640 FLATBUSH AVE	12/05/14 13:00	12/05/14
L1429291-06	WCD-SB-01 (33-35)	SOIL	1640 FLATBUSH AVE	12/05/14 13:00	12/05/14
L1429291-07	TRIP BLANK	WATER	1640 FLATBUSH AVE	12/05/14 00:00	12/05/14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

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.

Sample Receipt

The Trip Blank was analyzed at the client's request.

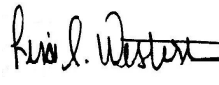
Semivolatile Organics

L1429291-01 and -03 have elevated detection limits due to the dilutions required by the sample matrix.
The WG746616-2/3 LCS/LCSD recoveries, associated with L1429291-01 through -06, are below the acceptance criteria for benzoic acid (6%/7%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L1429291-01 through -06 have elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
The WG746611-4 MS recoveries for calcium (840%), aluminum (0%), iron (0%), and manganese (23%), performed on L1429291-01, do not apply because the sample concentration is greater than four times the spike amount added.
The WG746611-4 MS recoveries, performed on L1429291-01, are outside the acceptance criteria for magnesium (352%) chromium (74%), and thallium (70%). A post digestion spike was performed and yielded an unacceptable recovery for thallium (70%).; all other compounds were within acceptance criteria. This has been attributed to sample matrix.
The WG746611-3 Laboratory Duplicate RPDs, performed on L1429291-01, are outside the acceptance criteria for aluminum (38%), calcium (85%), chromium (26%), cobalt (33%), iron (26%), lead (31%), nickel (21%), potassium (27%), and vanadium (25%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized 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:  Lisa Westerlind

Title: Technical Director/Representative Date: 12/12/14

ORGANICS

VOLATILES

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01
Client ID: WCD-SB-04 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 17:34
Analyst: BN
Percent Solids: 89%

Date Collected: 12/05/14 09:20
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.10	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	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	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	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.16	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01 Date Collected: 12/05/14 09:20

Client ID: WCD-SB-04 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.16	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	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.5	0.15	1
Acrylonitrile	ND		ug/kg	11	0.57	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01 Date Collected: 12/05/14 09:20

Client ID: WCD-SB-04 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.14	1
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	0.43	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02
Client ID: WCD-SB-04 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:43
Analyst: BN
Percent Solids: 96%

Date Collected: 12/05/14 10:10
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	0.35	J	ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.61	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.22	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.46	1
Bromomethane	ND		ug/kg	3.2	0.53	1
Vinyl chloride	ND		ug/kg	3.2	0.18	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.33	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02 Date Collected: 12/05/14 10:10

Client ID: WCD-SB-04 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.13	1
p/m-Xylene	ND		ug/kg	3.2	0.31	1
o-Xylene	ND		ug/kg	3.2	0.27	1
Xylene (Total)	ND		ug/kg	3.2	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
1,2-Dichloroethene (total)	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.64	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	ND		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.43	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.44	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	0.23	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	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
o-Chlorotoluene	ND		ug/kg	7.9	0.25	1
p-Chlorotoluene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
Acrylonitrile	ND		ug/kg	16	0.81	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02 Date Collected: 12/05/14 10:10

Client ID: WCD-SB-04 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
1,4-Dioxane	ND		ug/kg	160	23.	1
1,4-Diethylbenzene	ND		ug/kg	6.3	0.25	1
4-Ethyltoluene	ND		ug/kg	6.3	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.20	1
Ethyl ether	ND		ug/kg	7.9	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03
Client ID: WCD-SB-01 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 18:01
Analyst: BN
Percent Solids: 94%

Date Collected: 12/05/14 12:05
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	2.5		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.14	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.29	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03 Date Collected: 12/05/14 12:05

Client ID: WCD-SB-01 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylene (Total)	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	10	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	8.0	J	ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
Vinyl acetate	ND		ug/kg	10	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.16	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.28	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.0	0.14	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.23	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	5.0	0.14	1
Acrylonitrile	ND		ug/kg	10	0.52	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03 Date Collected: 12/05/14 12:05

Client ID: WCD-SB-01 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,4-Dioxane	ND		ug/kg	100	14.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04
Client ID: WCD-SB-01 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 18:27
Analyst: BN
Percent Solids: 95%

Date Collected: 12/05/14 12:15
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	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	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.2	0.17	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04 Date Collected: 12/05/14 12:15

Client ID: WCD-SB-01 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
Xylene (Total)	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.5	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
2,2-Dichloropropane	ND		ug/kg	6.2	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.2	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
o-Chlorotoluene	ND		ug/kg	6.2	0.20	1
p-Chlorotoluene	ND		ug/kg	6.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04 Date Collected: 12/05/14 12:15

Client ID: WCD-SB-01 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
1,4-Dioxane	ND		ug/kg	120	18.	1
1,4-Diethylbenzene	ND		ug/kg	4.9	0.20	1
4-Ethyltoluene	ND		ug/kg	4.9	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.16	1
Ethyl ether	ND		ug/kg	6.2	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	0.48	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 D2
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/11/14 14:13
Analyst: BN
Percent Solids: 90%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	84000		ug/kg	5800	160	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	110		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 D
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 18:20
Analyst: BN
Percent Solids: 90%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2300	260	4
1,1-Dichloroethane	ND		ug/kg	350	20.	4
Chloroform	ND		ug/kg	350	86.	4
Carbon tetrachloride	ND		ug/kg	230	49.	4
1,2-Dichloropropane	ND		ug/kg	810	53.	4
Dibromochloromethane	ND		ug/kg	230	36.	4
1,1,2-Trichloroethane	ND		ug/kg	350	71.	4
Tetrachloroethene	ND		ug/kg	230	33.	4
Chlorobenzene	ND		ug/kg	230	81.	4
Trichlorofluoromethane	ND		ug/kg	1200	90.	4
1,2-Dichloroethane	ND		ug/kg	230	26.	4
1,1,1-Trichloroethane	ND		ug/kg	230	26.	4
Bromodichloromethane	ND		ug/kg	230	40.	4
trans-1,3-Dichloropropene	ND		ug/kg	230	28.	4
cis-1,3-Dichloropropene	ND		ug/kg	230	27.	4
1,3-Dichloropropene, Total	ND		ug/kg	230	27.	4
1,1-Dichloropropene	ND		ug/kg	1200	33.	4
Bromoform	ND		ug/kg	930	55.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	23.	4
Benzene	ND		ug/kg	230	27.	4
Toluene	ND		ug/kg	350	45.	4
Ethylbenzene	7000		ug/kg	230	30.	4
Chloromethane	ND		ug/kg	1200	68.	4
Bromomethane	ND		ug/kg	460	79.	4
Vinyl chloride	ND		ug/kg	460	27.	4
Chloroethane	ND		ug/kg	460	74.	4
1,1-Dichloroethene	ND		ug/kg	230	61.	4
trans-1,2-Dichloroethene	ND		ug/kg	350	49.	4
Trichloroethene	ND		ug/kg	230	29.	4
1,2-Dichlorobenzene	ND		ug/kg	1200	36.	4

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 D Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (30-31) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1200	31.	4
1,4-Dichlorobenzene	ND		ug/kg	1200	32.	4
Methyl tert butyl ether	ND		ug/kg	460	20.	4
p/m-Xylene	24000		ug/kg	460	46.	4
o-Xylene	420	J	ug/kg	460	40.	4
Xylene (Total)	24000	J	ug/kg	460	40.	4
cis-1,2-Dichloroethene	ND		ug/kg	230	33.	4
1,2-Dichloroethene (total)	ND		ug/kg	230	33.	4
Dibromomethane	ND		ug/kg	2300	38.	4
Styrene	ND		ug/kg	460	94.	4
Dichlorodifluoromethane	ND		ug/kg	2300	44.	4
Acetone	ND		ug/kg	2300	240	4
Carbon disulfide	ND		ug/kg	2300	260	4
2-Butanone	ND		ug/kg	2300	63.	4
Vinyl acetate	ND		ug/kg	2300	31.	4
4-Methyl-2-pentanone	ND		ug/kg	2300	57.	4
1,2,3-Trichloropropane	ND		ug/kg	2300	38.	4
2-Hexanone	ND		ug/kg	2300	160	4
Bromochloromethane	ND		ug/kg	1200	64.	4
2,2-Dichloropropane	ND		ug/kg	1200	53.	4
1,2-Dibromoethane	ND		ug/kg	930	41.	4
1,3-Dichloropropane	ND		ug/kg	1200	34.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	230	74.	4
Bromobenzene	ND		ug/kg	1200	48.	4
n-Butylbenzene	8500		ug/kg	230	27.	4
sec-Butylbenzene	2900		ug/kg	230	28.	4
tert-Butylbenzene	ND		ug/kg	1200	32.	4
o-Chlorotoluene	ND		ug/kg	1200	37.	4
p-Chlorotoluene	ND		ug/kg	1200	31.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1200	92.	4
Hexachlorobutadiene	ND		ug/kg	1200	53.	4
Isopropylbenzene	2600		ug/kg	230	24.	4
p-Isopropyltoluene	2900		ug/kg	230	29.	4
Naphthalene	13000		ug/kg	1200	32.	4
Acrylonitrile	ND		ug/kg	2300	120	4
n-Propylbenzene	11000		ug/kg	230	25.	4
1,2,3-Trichlorobenzene	ND		ug/kg	1200	34.	4
1,2,4-Trichlorobenzene	ND		ug/kg	1200	42.	4
1,3,5-Trimethylbenzene	26000		ug/kg	1200	33.	4

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 D Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (30-31) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	79000	E	ug/kg	1200	33.	4
1,4-Dioxane	ND		ug/kg	23000	3400	4
1,4-Diethylbenzene	64000		ug/kg	930	37.	4
4-Ethyltoluene	31000		ug/kg	930	29.	4
1,2,4,5-Tetramethylbenzene	25000		ug/kg	930	30.	4
Ethyl ether	ND		ug/kg	1200	60.	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	1200	91.	4
Tentatively Identified Compounds						
Total TIC Compounds	120000	J	ug/kg			4
Nonane, 3-methyl-	22000	NJ	ug/kg			4
Decane	10000	NJ	ug/kg			4
Unknown Benzene	9200	J	ug/kg			4
Decane, 2-methyl-	12000	NJ	ug/kg			4
Unknown	9400	J	ug/kg			4
Unknown Benzene	10000	J	ug/kg			4
Unknown Cycloaromatic	12000	J	ug/kg			4
Unknown Benzene	10000	J	ug/kg			4
Unknown Benzene	10000	J	ug/kg			4
Unknown Cycloaromatic	16000	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06
Client ID: WCD-SB-01 (33-35)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/10/14 14:19
Analyst: BN
Percent Solids: 84%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	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	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (33-35) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	1.1	J	ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylene (Total)	1.1	J	ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	8.7	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	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	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.19	1
p-Chlorotoluene	ND		ug/kg	5.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.27	1
Isopropylbenzene	0.99	J	ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	0.74	J	ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.60	1
n-Propylbenzene	1.3		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (33-35) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	1.9	J	ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	17.	1
1,4-Diethylbenzene	2.0	J	ug/kg	4.7	0.19	1
4-Ethyltoluene	0.72	J	ug/kg	4.7	0.14	1
1,2,4,5-Tetramethylbenzene	1.4	J	ug/kg	4.7	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.46	1
Tentatively Identified Compounds						
Total TIC Compounds	63	J	ug/kg			1
Butane, 2-Methyl-	8.0	NJ	ug/kg			1
Pentane, 2-methyl-	6.9	NJ	ug/kg			1
Unknown	5.9	J	ug/kg			1
Unknown	5.7	J	ug/kg			1
Unknown Cyclohexane	5.3	J	ug/kg			1
Unknown Cyclohexane	4.4	J	ug/kg			1
Unknown	6.6	J	ug/kg			1
Unknown	8.0	J	ug/kg			1
Unknown	6.2	J	ug/kg			1
Unknown Cycloaromatic	6.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-07
Client ID: TRIP BLANK
Sample Location: 1640 FLATBUSH AVE
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/10/14 13:26
Analyst: PD

Date Collected: 12/05/14 00:00
Date Received: 12/05/14
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
1,3-Dichloropropene, Total	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	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-07 Date Collected: 12/05/14 00:00

Client ID: TRIP BLANK Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-07 Date Collected: 12/05/14 00:00

Client ID: TRIP BLANK Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
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
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
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
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
1,3-Dichloropropene, Total	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	0.18

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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
Acrolein	ND		ug/l	5.0	0.63
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

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
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
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	0.27
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.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-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
Iodomethane	ND		ug/l	5.0	5.0

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG747562-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
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	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
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	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.59	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG747562-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
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	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG747562-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
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	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG747562-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG747634-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
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	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
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	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.64	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG747634-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
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	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG747634-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
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	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG747634-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG748017-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
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	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
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	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG748017-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
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	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: Not Specified
Project Number: 14-7233
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG748017-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
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	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: Not Specified
Project Number: 14-7233

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG748017-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND		ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	32	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.

Project Name: Not Specified
Project Number: 14-7233
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-3					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylene (Total)	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene (total)	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 09:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-6					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-6					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylene (Total)	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene (total)	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-6					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/11/14 08:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG748020-6					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG747327-1 WG747327-2								
Methylene chloride	92		78		70-130	16		20
1,1-Dichloroethane	97		83		70-130	16		20
Chloroform	98		81		70-130	19		20
Carbon tetrachloride	95		79		63-132	18		20
1,2-Dichloropropane	101		86		70-130	16		20
Dibromochloromethane	98		82		63-130	18		20
1,1,2-Trichloroethane	100		84		70-130	17		20
Tetrachloroethene	93		77		70-130	19		20
Chlorobenzene	99		82		75-130	19		20
Trichlorofluoromethane	93		77		62-150	19		20
1,2-Dichloroethane	99		86		70-130	14		20
1,1,1-Trichloroethane	99		82		67-130	19		20
Bromodichloromethane	102		88		67-130	15		20
trans-1,3-Dichloropropene	99		82		70-130	19		20
cis-1,3-Dichloropropene	99		83		70-130	18		20
1,1-Dichloropropene	97		80		70-130	19		20
Bromoform	102		83		54-136	**21**	Q	20
1,1,2,2-Tetrachloroethane	106		87		67-130	20		20
Benzene	96		81		70-130	17		20
Toluene	97		82		70-130	17		20
Ethylbenzene	100		84		70-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG747327-1 WG747327-2								
Chloromethane	93		64		64-130	**37**	Q	20
Bromomethane	72		61		39-139	17		20
Vinyl chloride	87		69		55-140	**23**	Q	20
Chloroethane	87		71		55-138	20		20
1,1-Dichloroethene	87		73		61-145	18		20
trans-1,2-Dichloroethene	91		75		70-130	19		20
Trichloroethene	96		84		70-130	13		20
1,2-Dichlorobenzene	103		85		70-130	19		20
1,3-Dichlorobenzene	102		84		70-130	19		20
1,4-Dichlorobenzene	102		84		70-130	19		20
Methyl tert butyl ether	94		78		63-130	19		20
p/m-Xylene	101		85		70-130	17		20
o-Xylene	102		85		70-130	18		20
cis-1,2-Dichloroethene	91		74		70-130	**21**	Q	20
Dibromomethane	96		83		70-130	15		20
1,2,3-Trichloropropane	103		85		64-130	19		20
Acrylonitrile	103		87		70-130	17		20
Diisopropyl Ether	104		87		70-130	18		20
Tert-Butyl Alcohol	71		**66**	Q	70-130	7		20
Styrene	102		85		70-130	18		20
Dichlorodifluoromethane	61		52		36-147	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG747327-1 WG747327-2								
Acetone	65		61		58-148	6		20
Carbon disulfide	84		68		51-130	**21**	Q	20
2-Butanone	83		72		63-138	14		20
Vinyl acetate	94		81		70-130	15		20
4-Methyl-2-pentanone	98		83		59-130	17		20
2-Hexanone	95		78		57-130	20		20
Acrolein	92		75		40-160	20		20
Bromochloromethane	96		81		70-130	17		20
2,2-Dichloropropane	100		82		63-133	20		20
1,2-Dibromoethane	97		81		70-130	18		20
1,3-Dichloropropane	100		83		70-130	19		20
1,1,1,2-Tetrachloroethane	103		85		64-130	19		20
Bromobenzene	100		82		70-130	20		20
n-Butylbenzene	110		89		53-136	**21**	Q	20
sec-Butylbenzene	109		87		70-130	**22**	Q	20
tert-Butylbenzene	108		87		70-130	**22**	Q	20
o-Chlorotoluene	107		88		70-130	19		20
p-Chlorotoluene	109		89		70-130	20		20
1,2-Dibromo-3-chloropropane	107		90		41-144	17		20
Hexachlorobutadiene	103		81		63-130	**24**	Q	20
Isopropylbenzene	102		85		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG747327-1 WG747327-2								
p-Isopropyltoluene	108		87		70-130	**22**	Q	20
Naphthalene	99		83		70-130	18		20
n-Propylbenzene	106		87		69-130	20		20
1,2,3-Trichlorobenzene	93		77		70-130	19		20
1,2,4-Trichlorobenzene	97		78		70-130	**22**	Q	20
1,3,5-Trimethylbenzene	109		88		64-130	**21**	Q	20
1,2,4-Trimethylbenzene	109		89		70-130	20		20
Methyl Acetate	93		81		70-130	14		20
Ethyl Acetate	88		78		70-130	12		20
Cyclohexane	98		81		70-130	19		20
Ethyl-Tert-Butyl-Ether	98		82		70-130	18		20
Tertiary-Amyl Methyl Ether	93		79		66-130	16		20
1,4-Dioxane	75		63		56-162	17		20
Freon-113	91		76		70-130	18		20
p-Diethylbenzene	118		94		70-130	**23**	Q	20
p-Ethyltoluene	105		86		70-130	20		20
1,2,4,5-Tetramethylbenzene	108		88		70-130	20		20
Ethyl ether	93		76		59-134	20		20
trans-1,4-Dichloro-2-butene	104		85		70-130	20		20
Iodomethane	99		99		70-130	0		20
Methyl cyclohexane	103		85		70-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG747327-1 WG747327-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG747562-1 WG747562-2								
Methylene chloride	99		105		70-130	6		30
1,1-Dichloroethane	111		111		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	114		113		70-130	1		30
1,2-Dichloropropane	109		109		70-130	0		30
Dibromochloromethane	106		108		70-130	2		30
2-Chloroethylvinyl ether	86		90		70-130	5		30
1,1,2-Trichloroethane	112		114		70-130	2		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	111		112		70-130	1		30
Trichlorofluoromethane	117		114		70-139	3		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	105		107		70-130	2		30
trans-1,3-Dichloropropene	108		109		70-130	1		30
cis-1,3-Dichloropropene	106		107		70-130	1		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	93		93		70-130	0		30
1,1,2,2-Tetrachloroethane	117		115		70-130	2		30
Benzene	110		110		70-130	0		30
Toluene	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG747562-1 WG747562-2								
Ethylbenzene	116		116		70-130	0		30
Chloromethane	121		117		52-130	3		30
Bromomethane	112		108		57-147	4		30
Vinyl chloride	124		119		67-130	4		30
Chloroethane	142		138		50-151	3		30
1,1-Dichloroethene	108		106		65-135	2		30
trans-1,2-Dichloroethene	106		105		70-130	1		30
Trichloroethene	111		109		70-130	2		30
1,2-Dichlorobenzene	117		115		70-130	2		30
1,3-Dichlorobenzene	121		117		70-130	3		30
1,4-Dichlorobenzene	117		116		70-130	1		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	117		117		70-130	0		30
o-Xylene	115		116		70-130	1		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Dibromomethane	103		105		70-130	2		30
Styrene	117		119		70-130	2		30
Dichlorodifluoromethane	120		114		30-146	5		30
Acetone	100		108		54-140	8		30
Carbon disulfide	106		109		59-130	3		30
2-Butanone	106		108		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG747562-1 WG747562-2								
Vinyl acetate	102		104		70-130	2		30
4-Methyl-2-pentanone	82		85		70-130	4		30
1,2,3-Trichloropropane	116		114		68-130	2		30
2-Hexanone	82		87		70-130	6		30
Bromochloromethane	104		106		70-130	2		30
2,2-Dichloropropane	111		110		70-130	1		30
1,2-Dibromoethane	104		109		70-130	5		30
1,3-Dichloropropane	110		112		69-130	2		30
1,1,1,2-Tetrachloroethane	113		114		70-130	1		30
Bromobenzene	110		109		70-130	1		30
n-Butylbenzene	**131**	Q	125		70-130	5		30
sec-Butylbenzene	124		120		70-130	3		30
tert-Butylbenzene	119		116		70-130	3		30
o-Chlorotoluene	120		118		70-130	2		30
p-Chlorotoluene	121		118		70-130	3		30
1,2-Dibromo-3-chloropropane	98		96		68-130	2		30
Hexachlorobutadiene	120		117		67-130	3		30
Isopropylbenzene	116		113		70-130	3		30
p-Isopropyltoluene	122		119		70-130	2		30
Naphthalene	110		110		70-130	0		30
Acrylonitrile	97		101		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG747562-1 WG747562-2								
Diisopropyl Ether	106		109		66-130	3		30
Tert-Butyl Alcohol	98		102		70-130	4		30
n-Propylbenzene	121		118		70-130	3		30
1,2,3-Trichlorobenzene	117		116		70-130	1		30
1,2,4-Trichlorobenzene	118		117		70-130	1		30
1,3,5-Trimethylbenzene	121		117		70-130	3		30
1,2,4-Trimethylbenzene	120		118		70-130	2		30
Methyl Acetate	102		104		51-146	2		30
Ethyl Acetate	104		106		70-130	2		30
Acrolein	93		97		70-130	4		30
Cyclohexane	121		119		59-142	2		30
1,4-Dioxane	93		100		65-136	7		30
Freon-113	116		113		50-139	3		30
p-Diethylbenzene	123		121		70-130	2		30
p-Ethyltoluene	120		117		70-130	3		30
1,2,4,5-Tetramethylbenzene	104		103		70-130	1		30
Tetrahydrofuran	99		102		66-130	3		30
Ethyl ether	98		98		67-130	0		30
trans-1,4-Dichloro-2-butene	107		107		70-130	0		30
Methyl cyclohexane	117		114		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG747562-1 WG747562-2								
Tertiary-Amyl Methyl Ether	98		101		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG747634-1 WG747634-2								
Methylene chloride	107		99		70-130	8		30
1,1-Dichloroethane	96		89		70-130	8		30
Chloroform	111		104		70-130	7		30
Carbon tetrachloride	113		106		70-130	6		30
1,2-Dichloropropane	90		84		70-130	7		30
Dibromochloromethane	105		98		70-130	7		30
2-Chloroethylvinyl ether	82		78		70-130	5		30
1,1,2-Trichloroethane	99		93		70-130	6		30
Tetrachloroethene	108		100		70-130	8		30
Chlorobenzene	105		96		70-130	9		30
Trichlorofluoromethane	**172**	Q	**161**	Q	70-139	7		30
1,2-Dichloroethane	107		101		70-130	6		30
1,1,1-Trichloroethane	120		109		70-130	10		30
Bromodichloromethane	109		103		70-130	6		30
trans-1,3-Dichloropropene	98		91		70-130	7		30
cis-1,3-Dichloropropene	103		96		70-130	7		30
1,1-Dichloropropene	108		100		70-130	8		30
Bromoform	89		86		70-130	3		30
1,1,2,2-Tetrachloroethane	94		90		70-130	4		30
Benzene	102		95		70-130	7		30
Toluene	98		91		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG747634-1 WG747634-2								
Ethylbenzene	104		96		70-130	8		30
Chloromethane	86		81		52-130	6		30
Bromomethane	**174**	Q	**168**	Q	57-147	4		30
Vinyl chloride	110		101		67-130	9		30
Chloroethane	**159**	Q	**153**	Q	50-151	4		30
1,1-Dichloroethene	115		105		65-135	9		30
trans-1,2-Dichloroethene	109		99		70-130	10		30
Trichloroethene	112		104		70-130	7		30
1,2-Dichlorobenzene	99		94		70-130	5		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	99		93		70-130	6		30
Methyl tert butyl ether	99		93		66-130	6		30
p/m-Xylene	103		96		70-130	7		30
o-Xylene	103		95		70-130	8		30
cis-1,2-Dichloroethene	110		100		70-130	10		30
Dibromomethane	111		104		70-130	7		30
Styrene	101		94		70-130	7		30
Dichlorodifluoromethane	109		99		30-146	10		30
Acetone	89		83		54-140	7		30
Carbon disulfide	92		84		59-130	9		30
2-Butanone	87		81		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG747634-1 WG747634-2								
Vinyl acetate	92		86		70-130	7		30
4-Methyl-2-pentanone	73		71		70-130	3		30
1,2,3-Trichloropropane	93		88		68-130	6		30
2-Hexanone	**67**	Q	**64**	Q	70-130	5		30
Bromochloromethane	118		112		70-130	5		30
2,2-Dichloropropane	116		108		70-130	7		30
1,2-Dibromoethane	102		96		70-130	6		30
1,3-Dichloropropane	96		90		69-130	6		30
1,1,1,2-Tetrachloroethane	107		99		70-130	8		30
Bromobenzene	102		94		70-130	8		30
n-Butylbenzene	103		96		70-130	7		30
sec-Butylbenzene	103		96		70-130	7		30
tert-Butylbenzene	100		93		70-130	7		30
o-Chlorotoluene	103		95		70-130	8		30
p-Chlorotoluene	99		92		70-130	7		30
1,2-Dibromo-3-chloropropane	88		86		68-130	2		30
Hexachlorobutadiene	96		92		67-130	4		30
Isopropylbenzene	101		93		70-130	8		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	92		88		70-130	4		30
Acrylonitrile	87		73		70-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG747634-1 WG747634-2								
Diisopropyl Ether	78		73		66-130	7		30
Tert-Butyl Alcohol	81		77		70-130	5		30
n-Propylbenzene	104		96		70-130	8		30
1,2,3-Trichlorobenzene	96		91		70-130	5		30
1,2,4-Trichlorobenzene	96		91		70-130	5		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	100		94		70-130	6		30
Methyl Acetate	76		74		51-146	3		30
Ethyl Acetate	80		76		70-130	5		30
Cyclohexane	89		83		59-142	7		30
1,4-Dioxane	96		96		65-136	0		30
Freon-113	124		113		50-139	9		30
p-Diethylbenzene	106		100		70-130	6		30
p-Ethyltoluene	106		98		70-130	8		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Tetrahydrofuran	73		74		66-130	1		30
Ethyl ether	104		96		67-130	8		30
trans-1,4-Dichloro-2-butene	89		86		70-130	3		30
Methyl cyclohexane	110		101		70-130	9		30
Ethyl-Tert-Butyl-Ether	90		83		70-130	8		30
Tertiary-Amyl Methyl Ether	99		93		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG747634-1 WG747634-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	112		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG748017-1 WG748017-2								
Methylene chloride	108		111		70-130	3		30
1,1-Dichloroethane	114		110		70-130	4		30
Chloroform	118		115		70-130	3		30
Carbon tetrachloride	**131**	Q	122		70-130	7		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	109		107		70-130	2		30
2-Chloroethylvinyl ether	90		88		70-130	2		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	106		100		70-130	6		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	131		116		70-139	12		30
1,2-Dichloroethane	129		126		70-130	2		30
1,1,1-Trichloroethane	129		118		70-130	9		30
Bromodichloromethane	119		116		70-130	3		30
trans-1,3-Dichloropropene	105		103		70-130	2		30
cis-1,3-Dichloropropene	114		112		70-130	2		30
1,1-Dichloropropene	118		111		70-130	6		30
Bromoform	99		98		70-130	1		30
1,1,2,2-Tetrachloroethane	92		92		70-130	0		30
Benzene	109		106		70-130	3		30
Toluene	99		96		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG748017-1 WG748017-2								
Ethylbenzene	104		100		70-130	4		30
Chloromethane	102		98		52-130	4		30
Bromomethane	111		103		57-147	7		30
Vinyl chloride	110		102		67-130	8		30
Chloroethane	117		110		50-151	6		30
1,1-Dichloroethene	108		102		65-135	6		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	120		113		70-130	6		30
1,2-Dichlorobenzene	95		95		70-130	0		30
1,3-Dichlorobenzene	99		96		70-130	3		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	108		109		66-130	1		30
p/m-Xylene	108		105		70-130	3		30
o-Xylene	106		103		70-130	3		30
cis-1,2-Dichloroethene	109		104		70-130	5		30
Dibromomethane	114		114		70-130	0		30
Styrene	108		106		70-130	2		30
Dichlorodifluoromethane	110		99		30-146	11		30
Acetone	102		109		54-140	7		30
Carbon disulfide	101		93		59-130	8		30
2-Butanone	102		97		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG748017-1 WG748017-2								
Vinyl acetate	122		120		70-130	2		30
4-Methyl-2-pentanone	96		94		70-130	2		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	88		86		70-130	2		30
Bromochloromethane	114		115		70-130	1		30
2,2-Dichloropropane	120		114		70-130	5		30
1,2-Dibromoethane	102		102		70-130	0		30
1,3-Dichloropropane	101		101		69-130	0		30
1,1,1,2-Tetrachloroethane	108		105		70-130	3		30
Bromobenzene	93		93		70-130	0		30
n-Butylbenzene	102		96		70-130	6		30
sec-Butylbenzene	99		94		70-130	5		30
tert-Butylbenzene	98		94		70-130	4		30
o-Chlorotoluene	99		95		70-130	4		30
p-Chlorotoluene	97		96		70-130	1		30
1,2-Dibromo-3-chloropropane	81		78		68-130	4		30
Hexachlorobutadiene	99		91		67-130	8		30
Isopropylbenzene	108		103		70-130	5		30
p-Isopropyltoluene	100		96		70-130	4		30
Naphthalene	95		92		70-130	3		30
Acrylonitrile	115		115		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG748017-1 WG748017-2								
Diisopropyl Ether	112		112		66-130	0		30
Tert-Butyl Alcohol	100		98		70-130	2		30
n-Propylbenzene	98		93		70-130	5		30
1,2,3-Trichlorobenzene	97		96		70-130	1		30
1,2,4-Trichlorobenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	100		97		70-130	3		30
1,2,4-Trimethylbenzene	100		97		70-130	3		30
Methyl Acetate	111		118		51-146	6		30
Ethyl Acetate	104		109		70-130	5		30
Acrolein	92		93		70-130	1		30
Cyclohexane	120		111		59-142	8		30
1,4-Dioxane	108		109		65-136	1		30
Freon-113	121		108		50-139	11		30
p-Diethylbenzene	127		119		70-130	7		30
p-Ethyltoluene	123		118		70-130	4		30
1,2,4,5-Tetramethylbenzene	127		122		70-130	4		30
Tetrahydrofuran	118		118		66-130	0		30
Ethyl ether	105		103		67-130	2		30
trans-1,4-Dichloro-2-butene	104		101		70-130	3		30
Methyl cyclohexane	115		106		70-130	8		30
Ethyl-Tert-Butyl-Ether	113		113		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG748017-1 WG748017-2								
Tertiary-Amyl Methyl Ether	107		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		114		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	111		111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-1 WG748020-2								
Methylene chloride	107		99		70-130	8		30
1,1-Dichloroethane	96		89		70-130	8		30
Chloroform	111		104		70-130	7		30
Carbon tetrachloride	113		106		70-130	6		30
1,2-Dichloropropane	90		84		70-130	7		30
Dibromochloromethane	105		98		70-130	7		30
2-Chloroethylvinyl ether	82		78		70-130	5		30
1,1,2-Trichloroethane	99		93		70-130	6		30
Tetrachloroethene	108		100		70-130	8		30
Chlorobenzene	105		96		70-130	9		30
Trichlorofluoromethane	**172**	Q	**161**	Q	70-139	7		30
1,2-Dichloroethane	107		101		70-130	6		30
1,1,1-Trichloroethane	120		109		70-130	10		30
Bromodichloromethane	109		103		70-130	6		30
trans-1,3-Dichloropropene	98		91		70-130	7		30
cis-1,3-Dichloropropene	103		96		70-130	7		30
1,1-Dichloropropene	108		100		70-130	8		30
Bromoform	89		86		70-130	3		30
1,1,2,2-Tetrachloroethane	94		90		70-130	4		30
Benzene	102		95		70-130	7		30
Toluene	98		91		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-1 WG748020-2								
Ethylbenzene	104		96		70-130	8		30
Chloromethane	86		81		52-130	6		30
Bromomethane	**174**	Q	**168**	Q	57-147	4		30
Vinyl chloride	110		101		67-130	9		30
Chloroethane	**159**	Q	**153**	Q	50-151	4		30
1,1-Dichloroethene	115		105		65-135	9		30
trans-1,2-Dichloroethene	109		99		70-130	10		30
Trichloroethene	112		104		70-130	7		30
1,2-Dichlorobenzene	99		94		70-130	5		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	99		93		70-130	6		30
Methyl tert butyl ether	99		93		66-130	6		30
p/m-Xylene	103		96		70-130	7		30
o-Xylene	103		95		70-130	8		30
cis-1,2-Dichloroethene	110		100		70-130	10		30
Dibromomethane	111		104		70-130	7		30
Styrene	101		94		70-130	7		30
Dichlorodifluoromethane	109		99		30-146	10		30
Acetone	89		83		54-140	7		30
Carbon disulfide	92		84		59-130	9		30
2-Butanone	87		81		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-1 WG748020-2								
Vinyl acetate	92		86		70-130	7		30
4-Methyl-2-pentanone	73		71		70-130	3		30
1,2,3-Trichloropropane	93		88		68-130	6		30
2-Hexanone	**67**	Q	**64**	Q	70-130	5		30
Bromochloromethane	118		112		70-130	5		30
2,2-Dichloropropane	116		108		70-130	7		30
1,2-Dibromoethane	102		96		70-130	6		30
1,3-Dichloropropane	96		90		69-130	6		30
1,1,1,2-Tetrachloroethane	107		99		70-130	8		30
Bromobenzene	102		94		70-130	8		30
n-Butylbenzene	103		96		70-130	7		30
sec-Butylbenzene	103		96		70-130	7		30
tert-Butylbenzene	100		93		70-130	7		30
o-Chlorotoluene	103		95		70-130	8		30
p-Chlorotoluene	99		92		70-130	7		30
1,2-Dibromo-3-chloropropane	88		86		68-130	2		30
Hexachlorobutadiene	96		92		67-130	4		30
Isopropylbenzene	101		93		70-130	8		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	92		88		70-130	4		30
Acrylonitrile	87		73		70-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-1 WG748020-2								
Diisopropyl Ether	78		73		66-130	7		30
Tert-Butyl Alcohol	81		77		70-130	5		30
n-Propylbenzene	104		96		70-130	8		30
1,2,3-Trichlorobenzene	96		91		70-130	5		30
1,2,4-Trichlorobenzene	96		91		70-130	5		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	100		94		70-130	6		30
Methyl Acetate	76		74		51-146	3		30
Ethyl Acetate	80		76		70-130	5		30
Cyclohexane	89		83		59-142	7		30
1,4-Dioxane	96		96		65-136	0		30
Freon-113	124		113		50-139	9		30
p-Diethylbenzene	106		100		70-130	6		30
p-Ethyltoluene	106		98		70-130	8		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Tetrahydrofuran	73		74		66-130	1		30
Ethyl ether	104		96		67-130	8		30
trans-1,4-Dichloro-2-butene	89		86		70-130	3		30
Methyl cyclohexane	110		101		70-130	9		30
Ethyl-Tert-Butyl-Ether	90		83		70-130	8		30
Tertiary-Amyl Methyl Ether	99		93		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-1 WG748020-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	112		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-4 WG748020-5								
Methylene chloride	108		111		70-130	3		30
1,1-Dichloroethane	114		110		70-130	4		30
Chloroform	118		115		70-130	3		30
Carbon tetrachloride	**131**	Q	122		70-130	7		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	109		107		70-130	2		30
2-Chloroethylvinyl ether	90		88		70-130	2		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	106		100		70-130	6		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	131		116		70-139	12		30
1,2-Dichloroethane	129		126		70-130	2		30
1,1,1-Trichloroethane	129		118		70-130	9		30
Bromodichloromethane	119		116		70-130	3		30
trans-1,3-Dichloropropene	105		103		70-130	2		30
cis-1,3-Dichloropropene	114		112		70-130	2		30
1,1-Dichloropropene	118		111		70-130	6		30
Bromoform	99		98		70-130	1		30
1,1,2,2-Tetrachloroethane	92		92		70-130	0		30
Benzene	109		106		70-130	3		30
Toluene	99		96		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-4 WG748020-5								
Ethylbenzene	104		100		70-130	4		30
Chloromethane	102		98		52-130	4		30
Bromomethane	111		103		57-147	7		30
Vinyl chloride	110		102		67-130	8		30
Chloroethane	117		110		50-151	6		30
1,1-Dichloroethene	108		102		65-135	6		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	120		113		70-130	6		30
1,2-Dichlorobenzene	95		95		70-130	0		30
1,3-Dichlorobenzene	99		96		70-130	3		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	108		109		66-130	1		30
p/m-Xylene	108		105		70-130	3		30
o-Xylene	106		103		70-130	3		30
cis-1,2-Dichloroethene	109		104		70-130	5		30
Dibromomethane	114		114		70-130	0		30
Styrene	108		106		70-130	2		30
Dichlorodifluoromethane	110		99		30-146	11		30
Acetone	102		109		54-140	7		30
Carbon disulfide	101		93		59-130	8		30
2-Butanone	102		97		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-4 WG748020-5								
Vinyl acetate	122		120		70-130	2		30
4-Methyl-2-pentanone	96		94		70-130	2		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	88		86		70-130	2		30
Bromochloromethane	114		115		70-130	1		30
2,2-Dichloropropane	120		114		70-130	5		30
1,2-Dibromoethane	102		102		70-130	0		30
1,3-Dichloropropane	101		101		69-130	0		30
1,1,1,2-Tetrachloroethane	108		105		70-130	3		30
Bromobenzene	93		93		70-130	0		30
n-Butylbenzene	102		96		70-130	6		30
sec-Butylbenzene	99		94		70-130	5		30
tert-Butylbenzene	98		94		70-130	4		30
o-Chlorotoluene	99		95		70-130	4		30
p-Chlorotoluene	97		96		70-130	1		30
1,2-Dibromo-3-chloropropane	81		78		68-130	4		30
Hexachlorobutadiene	99		91		67-130	8		30
Isopropylbenzene	108		103		70-130	5		30
p-Isopropyltoluene	100		96		70-130	4		30
Naphthalene	95		92		70-130	3		30
Acrylonitrile	115		115		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-4 WG748020-5								
Diisopropyl Ether	112		112		66-130	0		30
Tert-Butyl Alcohol	100		98		70-130	2		30
n-Propylbenzene	98		93		70-130	5		30
1,2,3-Trichlorobenzene	97		96		70-130	1		30
1,2,4-Trichlorobenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	100		97		70-130	3		30
1,2,4-Trimethylbenzene	100		97		70-130	3		30
Methyl Acetate	111		118		51-146	6		30
Ethyl Acetate	104		109		70-130	5		30
Acrolein	92		93		70-130	1		30
Cyclohexane	120		111		59-142	8		30
1,4-Dioxane	108		109		65-136	1		30
Freon-113	121		108		50-139	11		30
p-Diethylbenzene	127		119		70-130	7		30
p-Ethyltoluene	123		118		70-130	4		30
1,2,4,5-Tetramethylbenzene	127		122		70-130	4		30
Tetrahydrofuran	118		118		66-130	0		30
Ethyl ether	105		103		67-130	2		30
trans-1,4-Dichloro-2-butene	104		101		70-130	3		30
Methyl cyclohexane	115		106		70-130	8		30
Ethyl-Tert-Butyl-Ether	113		113		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG748020-4 WG748020-5								
Tertiary-Amyl Methyl Ether	107		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		114		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	111		111		70-130

SEMIVOLATILES

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01 D
Client ID: WCD-SB-04 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 20:17
Analyst: PS
Percent Solids: 89%

Date Collected: 12/05/14 09:20
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	290	76.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	120	2
Hexachlorobenzene	ND		ug/kg	220	68.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	100	2
2-Chloronaphthalene	ND		ug/kg	370	120	2
1,2-Dichlorobenzene	ND		ug/kg	370	120	2
1,3-Dichlorobenzene	ND		ug/kg	370	120	2
1,4-Dichlorobenzene	ND		ug/kg	370	110	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	97.	2
2,4-Dinitrotoluene	ND		ug/kg	370	79.	2
2,6-Dinitrotoluene	ND		ug/kg	370	94.	2
Fluoranthene	320		ug/kg	220	67.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	110	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	84.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	110	2
Hexachlorobutadiene	ND		ug/kg	370	100	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	240	2
Hexachloroethane	ND		ug/kg	290	67.	2
Isophorone	ND		ug/kg	330	97.	2
Naphthalene	ND		ug/kg	370	120	2
Nitrobenzene	ND		ug/kg	330	87.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	290	77.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	110	2
Bis(2-Ethylhexyl)phthalate	250	J	ug/kg	370	96.	2
Butyl benzyl phthalate	250	J	ug/kg	370	72.	2
Di-n-butylphthalate	ND		ug/kg	370	71.	2
Di-n-octylphthalate	ND		ug/kg	370	90.	2
Diethyl phthalate	ND		ug/kg	370	77.	2
Dimethyl phthalate	ND		ug/kg	370	93.	2

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01 D
Client ID: WCD-SB-04 (1-4)
Sample Location: 1640 FLATBUSH AVE

Date Collected: 12/05/14 09:20
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	240		ug/kg	220	72.	2
Benzo(a)pyrene	300		ug/kg	290	90.	2
Benzo(b)fluoranthene	440		ug/kg	220	74.	2
Benzo(k)fluoranthene	160	J	ug/kg	220	70.	2
Chrysene	280		ug/kg	220	72.	2
Acenaphthylene	190	J	ug/kg	290	68.	2
Anthracene	170	J	ug/kg	220	61.	2
Benzo(ghi)perylene	200	J	ug/kg	290	76.	2
Fluorene	ND		ug/kg	370	100	2
Phenanthrene	99	J	ug/kg	220	72.	2
Dibenzo(a,h)anthracene	ND		ug/kg	220	71.	2
Indeno(1,2,3-cd)Pyrene	220	J	ug/kg	290	81.	2
Pyrene	430		ug/kg	220	71.	2
Biphenyl	ND		ug/kg	840	120	2
4-Chloroaniline	ND		ug/kg	370	97.	2
2-Nitroaniline	ND		ug/kg	370	100	2
3-Nitroaniline	ND		ug/kg	370	100	2
4-Nitroaniline	ND		ug/kg	370	99.	2
Dibenzofuran	ND		ug/kg	370	120	2
2-Methylnaphthalene	ND		ug/kg	440	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	110	2
Acetophenone	ND		ug/kg	370	110	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
P-Chloro-M-Cresol	ND		ug/kg	370	110	2
2-Chlorophenol	ND		ug/kg	370	110	2
2,4-Dichlorophenol	ND		ug/kg	330	120	2
2,4-Dimethylphenol	ND		ug/kg	370	110	2
2-Nitrophenol	ND		ug/kg	790	110	2
4-Nitrophenol	ND		ug/kg	510	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	500	2
4,6-Dinitro-o-cresol	ND		ug/kg	950	130	2
Pentachlorophenol	ND		ug/kg	290	78.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	120	2
2,4,5-Trichlorophenol	ND		ug/kg	370	120	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	ND		ug/kg	370	79.	2

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01 D Date Collected: 12/05/14 09:20

Client ID: WCD-SB-04 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Sulfur	480	J	ug/kg			2
Unknown	830	J	ug/kg			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	85		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02
Client ID: WCD-SB-04 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 20:44
Analyst: PS
Percent Solids: 96%

Date Collected: 12/05/14 10:10
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	47.	1
2-Chloronaphthalene	ND		ug/kg	170	55.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	53.	1
1,4-Dichlorobenzene	ND		ug/kg	170	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	36.	1
2,6-Dinitrotoluene	ND		ug/kg	170	43.	1
Fluoranthene	64	J	ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	51.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Naphthalene	ND		ug/kg	170	56.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	50.	1
Bis(2-Ethylhexyl)phthalate	310		ug/kg	170	44.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02 Date Collected: 12/05/14 10:10

Client ID: WCD-SB-04 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	39	J	ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	58	J	ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	43	J	ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	48.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	63	J	ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	56.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	52.	1
Acetophenone	ND		ug/kg	170	52.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	51.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	50.	1
2-Nitrophenol	ND		ug/kg	360	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	810	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	36.	1

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02
Client ID: WCD-SB-04 (10-13)
Sample Location: 1640 FLATBUSH AVE
Date Collected: 12/05/14 10:10
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	440	J	ug/kg			1
Unknown	140	J	ug/kg			1
Unknown Sulfur	230	J	ug/kg			1
Unknown	150	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	86		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03 D
Client ID: WCD-SB-01 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 21:09
Analyst: PS
Percent Solids: 94%

Date Collected: 12/05/14 12:05
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	690	180	5
1,2,4-Trichlorobenzene	ND		ug/kg	860	280	5
Hexachlorobenzene	ND		ug/kg	520	160	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	240	5
2-Chloronaphthalene	ND		ug/kg	860	280	5
1,2-Dichlorobenzene	ND		ug/kg	860	280	5
1,3-Dichlorobenzene	ND		ug/kg	860	270	5
1,4-Dichlorobenzene	ND		ug/kg	860	260	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	190	5
2,6-Dinitrotoluene	ND		ug/kg	860	220	5
Fluoranthene	ND		ug/kg	520	160	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	260	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	200	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	300	5
Bis(2-chloroethoxy)methane	ND		ug/kg	930	260	5
Hexachlorobutadiene	ND		ug/kg	860	240	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	560	5
Hexachloroethane	ND		ug/kg	690	160	5
Isophorone	ND		ug/kg	780	230	5
Naphthalene	ND		ug/kg	860	290	5
Nitrobenzene	ND		ug/kg	780	200	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	690	180	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	260	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	860	230	5
Butyl benzyl phthalate	ND		ug/kg	860	170	5
Di-n-butylphthalate	ND		ug/kg	860	170	5
Di-n-octylphthalate	ND		ug/kg	860	210	5
Diethyl phthalate	ND		ug/kg	860	180	5
Dimethyl phthalate	ND		ug/kg	860	220	5

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03 D Date Collected: 12/05/14 12:05

Client ID: WCD-SB-01 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	520	170	5
Benzo(a)pyrene	ND		ug/kg	690	210	5
Benzo(b)fluoranthene	ND		ug/kg	520	170	5
Benzo(k)fluoranthene	ND		ug/kg	520	160	5
Chrysene	ND		ug/kg	520	170	5
Acenaphthylene	ND		ug/kg	690	160	5
Anthracene	ND		ug/kg	520	140	5
Benzo(ghi)perylene	ND		ug/kg	690	180	5
Fluorene	ND		ug/kg	860	250	5
Phenanthrene	ND		ug/kg	520	170	5
Dibenzo(a,h)anthracene	ND		ug/kg	520	170	5
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	690	190	5
Pyrene	ND		ug/kg	520	170	5
Biphenyl	ND		ug/kg	2000	280	5
4-Chloroaniline	ND		ug/kg	860	230	5
2-Nitroaniline	ND		ug/kg	860	240	5
3-Nitroaniline	ND		ug/kg	860	240	5
4-Nitroaniline	ND		ug/kg	860	230	5
Dibenzofuran	ND		ug/kg	860	290	5
2-Methylnaphthalene	ND		ug/kg	1000	280	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	270	5
Acetophenone	ND		ug/kg	860	270	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
P-Chloro-M-Cresol	ND		ug/kg	860	250	5
2-Chlorophenol	ND		ug/kg	860	260	5
2,4-Dichlorophenol	ND		ug/kg	780	280	5
2,4-Dimethylphenol	ND		ug/kg	860	260	5
2-Nitrophenol	ND		ug/kg	1900	270	5
4-Nitrophenol	ND		ug/kg	1200	280	5
2,4-Dinitrophenol	ND		ug/kg	4100	1200	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	320	5
Pentachlorophenol	ND		ug/kg	690	180	5
Phenol	ND		ug/kg	860	260	5
2-Methylphenol	ND		ug/kg	860	280	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	280	5
2,4,5-Trichlorophenol	ND		ug/kg	860	280	5
Benzoic Acid	ND		ug/kg	2800	870	5
Benzyl Alcohol	ND		ug/kg	860	270	5
Carbazole	ND		ug/kg	860	180	5

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03 D Date Collected: 12/05/14 12:05

Client ID: WCD-SB-01 (1-4) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Alcohol	1600	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	68		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04
Client ID: WCD-SB-01 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 21:36
Analyst: PS
Percent Solids: 95%

Date Collected: 12/05/14 12:15
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	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	ND		ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04 Date Collected: 12/05/14 12:15

Client ID: WCD-SB-01 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	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	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04 Date Collected: 12/05/14 12:15

Client ID: WCD-SB-01 (10-13) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	70		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 22:02
Analyst: PS
Percent Solids: 90%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

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	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	39.	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	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	1000		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

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (30-31) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	36.	1
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	52.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	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	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	ND		ug/kg	180	61.	1
2-Methylnaphthalene	910		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: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (30-31) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Benzene	2500	J	ug/kg			1
Unknown Benzene	2000	J	ug/kg			1
Unknown Benzene	4400	J	ug/kg			1
Unknown Alkane	2300	J	ug/kg			1
Unknown	2000	J	ug/kg			1
Unknown Benzene	6600	J	ug/kg			1
Unknown Alkane	2100	J	ug/kg			1
Unknown Benzene	2600	J	ug/kg			1
Unknown Benzene	7500	J	ug/kg			1
Unknown	520	J	ug/kg			1
Unknown Benzene	920	J	ug/kg			1
Unknown Benzene	710	J	ug/kg			1
Unknown	1100	J	ug/kg			1
Unknown	1800	J	ug/kg			1
Unknown	1100	J	ug/kg			1
Unknown	2100	J	ug/kg			1
Unknown	700	J	ug/kg			1
Unknown	870	J	ug/kg			1
Unknown	780	J	ug/kg			1
Unknown Sulfur	3100	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	101		18-120

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06
Client ID: WCD-SB-01 (33-35)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/10/14 22:28
Analyst: PS
Percent Solids: 84%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	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	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	ND		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (33-35) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	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	56.	1
Phenanthrene	ND		ug/kg	120	38.	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	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	55.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	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	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	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	60.	1
Carbazole	ND		ug/kg	200	42.	1

Project Name: Not Specified **Lab Number:** L1429291

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06 Date Collected: 12/05/14 13:00

Client ID: WCD-SB-01 (33-35) Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	260	J	ug/kg			1
Unknown Sulfur	1300	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	89		18-120

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/10/14 17:42
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG746616-1					
Acenaphthene	ND		ug/kg	130	33.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	320	52.
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	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Azobenzene	ND		ug/kg	160	43.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	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.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/10/14 17:42
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG746616-1					
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	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	32.
Biphenyl	ND		ug/kg	370	53.
Aniline	ND		ug/kg	190	33.
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.

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/10/14 17:42
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG746616-1					
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	51.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
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.
Benzaldehyde	ND		ug/kg	210	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	650	58.
Parathion, ethyl	ND		ug/kg	160	64.
1-Methylnaphthalene	ND		ug/kg	160	48.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/10/14 17:42
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 12/08/14 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG746616-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG746616-2 WG746616-3								
Acenaphthene	68		69		31-137	1		50
Benzidine	27		24			12		50
n-Nitrosodimethylamine	56		59			5		50
1,2,4-Trichlorobenzene	75		78		38-107	4		50
Hexachlorobenzene	83		83		40-140	0		50
Bis(2-chloroethyl)ether	62		66		40-140	6		50
2-Chloronaphthalene	82		81		40-140	1		50
1,2-Dichlorobenzene	70		74		40-140	6		50
1,3-Dichlorobenzene	67		71		40-140	6		50
1,4-Dichlorobenzene	68		72		28-104	6		50
3,3'-Dichlorobenzidine	68		71		40-140	4		50
2,4-Dinitrotoluene	**91**	Q	**92**	Q	28-89	1		50
2,6-Dinitrotoluene	101		101		40-140	0		50
Fluoranthene	76		75		40-140	1		50
4-Chlorophenyl phenyl ether	77		77		40-140	0		50
4-Bromophenyl phenyl ether	82		83		40-140	1		50
Azobenzene	70		71		40-140	1		50
Bis(2-chloroisopropyl)ether	56		57		40-140	2		50
Bis(2-chloroethoxy)methane	71		72		40-117	1		50
Hexachlorobutadiene	72		77		40-140	7		50
Hexachlorocyclopentadiene	82		87		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG746616-2 WG746616-3								
Hexachloroethane	64		68		40-140	6		50
Isophorone	72		73		40-140	1		50
Naphthalene	66		69		40-140	4		50
Nitrobenzene	74		77		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	80		82			2		50
n-Nitrosodi-n-propylamine	74		75		32-121	1		50
Bis(2-Ethylhexyl)phthalate	67		68		40-140	1		50
Butyl benzyl phthalate	69		69		40-140	0		50
Di-n-butylphthalate	67		68		40-140	1		50
Di-n-octylphthalate	70		70		40-140	0		50
Diethyl phthalate	73		74		40-140	1		50
Dimethyl phthalate	74		74		40-140	0		50
Benzo(a)anthracene	73		73		40-140	0		50
Benzo(a)pyrene	73		74		40-140	1		50
Benzo(b)fluoranthene	72		74		40-140	3		50
Benzo(k)fluoranthene	69		69		40-140	0		50
Chrysene	71		70		40-140	1		50
Acenaphthylene	85		86		40-140	1		50
Anthracene	69		68		40-140	1		50
Benzo(ghi)perylene	70		71		40-140	1		50
Fluorene	75		74		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG746616-2 WG746616-3								
Phenanthrene	68		68		40-140	0		50
Dibenzo(a,h)anthracene	71		72		40-140	1		50
Indeno(1,2,3-cd)Pyrene	74		76		40-140	3		50
Pyrene	73		73		35-142	0		50
Biphenyl	69		70			1		50
Aniline	44		46		40-140	4		50
4-Chloroaniline	68		66		40-140	3		50
2-Nitroaniline	104		103		47-134	1		50
3-Nitroaniline	71		72		26-129	1		50
4-Nitroaniline	83		81		41-125	2		50
Dibenzofuran	76		77		40-140	1		50
2-Methylnaphthalene	80		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	71		74		40-117	4		50
Acetophenone	75		79		14-144	5		50
2,4,6-Trichlorophenol	106		104		30-130	2		50
P-Chloro-M-Cresol	99		99		26-103	0		50
2-Chlorophenol	83		85		25-102	2		50
2,4-Dichlorophenol	97		95		30-130	2		50
2,4-Dimethylphenol	92		90		30-130	2		50
2-Nitrophenol	97		99		30-130	2		50
4-Nitrophenol	94		93		11-114	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG746616-2 WG746616-3								
2,4-Dinitrophenol	69		69		4-130	0		50
4,6-Dinitro-o-cresol	106		105		10-130	1		50
Pentachlorophenol	81		78		17-109	4		50
Phenol	77		80		26-90	4		50
2-Methylphenol	84		82		30-130.	2		50
3-Methylphenol/4-Methylphenol	86		86		30-130	0		50
2,4,5-Trichlorophenol	104		104		30-130	0		50
Benzoic Acid	7	Q	7	Q		3		50
Benzyl Alcohol	82		84		40-140	2		50
Carbazole	73		74		54-128	1		50
Benzaldehyde	76		80			5		50
Caprolactam	80		79			1		50
Atrazine	92		92			0		50
2,3,4,6-Tetrachlorophenol	88		87			1		50
Pyridine	36		40		10-93	11		50
Parathion, ethyl	**171**	Q	**172**	Q	40-140	1		50
1-Methylnaphthalene	79		81		26-130	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG746616-2 WG746616-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		79		25-120
Phenol-d6	79		81		10-120
Nitrobenzene-d5	82		84		23-120
2-Fluorobiphenyl	83		86		30-120
2,4,6-Tribromophenol	86		86		0-136
4-Terphenyl-d14	76		78		18-120

PCBS

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-01	Date Collected:	12/05/14 09:20
Client ID:	WCD-SB-04 (1-4)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/06/14 16:46
Analytical Date:	12/08/14 02:03	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/07/14
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/07/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	2.82	1	A
Aroclor 1221	ND		ug/kg	35.7	3.29	1	A
Aroclor 1232	ND		ug/kg	35.7	4.19	1	A
Aroclor 1242	17.2	J	ug/kg	35.7	4.37	1	B
Aroclor 1248	ND		ug/kg	35.7	3.01	1	A
Aroclor 1254	58.7		ug/kg	35.7	2.94	1	A
Aroclor 1260	7.74	J	ug/kg	35.7	2.72	1	B
Aroclor 1262	ND		ug/kg	35.7	1.77	1	A
Aroclor 1268	ND		ug/kg	35.7	5.18	1	A
PCBs, Total	83.6	J	ug/kg	35.7	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-02	Date Collected:	12/05/14 10:10
Client ID:	WCD-SB-04 (10-13)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/08/14 18:44
Analytical Date:	12/10/14 17:13	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/09/14
Percent Solids:	96%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	2.61	1	A
Aroclor 1221	ND		ug/kg	33.1	3.05	1	A
Aroclor 1232	ND		ug/kg	33.1	3.87	1	A
Aroclor 1242	ND		ug/kg	33.1	4.05	1	A
Aroclor 1248	ND		ug/kg	33.1	2.79	1	A
Aroclor 1254	8.79	J	ug/kg	33.1	2.72	1	A
Aroclor 1260	ND		ug/kg	33.1	2.52	1	A
Aroclor 1262	ND		ug/kg	33.1	1.64	1	A
Aroclor 1268	ND		ug/kg	33.1	4.79	1	A
PCBs, Total	8.79	J	ug/kg	33.1	1.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-03	Date Collected:	12/05/14 12:05
Client ID:	WCD-SB-01 (1-4)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/08/14 18:44
Analytical Date:	12/10/14 17:26	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/09/14
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.7	2.66	1	A
Aroclor 1221	ND		ug/kg	33.7	3.10	1	A
Aroclor 1232	ND		ug/kg	33.7	3.95	1	A
Aroclor 1242	ND		ug/kg	33.7	4.12	1	A
Aroclor 1248	ND		ug/kg	33.7	2.84	1	A
Aroclor 1254	14.3	J	ug/kg	33.7	2.77	1	A
Aroclor 1260	ND		ug/kg	33.7	2.56	1	A
Aroclor 1262	ND		ug/kg	33.7	1.67	1	A
Aroclor 1268	ND		ug/kg	33.7	4.88	1	A
PCBs, Total	14.3	J	ug/kg	33.7	1.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-04	Date Collected:	12/05/14 12:15
Client ID:	WCD-SB-01 (10-13)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/08/14 18:44
Analytical Date:	12/10/14 17:38	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/09/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	2.69	1	A
Aroclor 1221	ND		ug/kg	34.1	3.14	1	A
Aroclor 1232	ND		ug/kg	34.1	3.99	1	A
Aroclor 1242	ND		ug/kg	34.1	4.17	1	A
Aroclor 1248	ND		ug/kg	34.1	2.88	1	A
Aroclor 1254	ND		ug/kg	34.1	2.80	1	A
Aroclor 1260	ND		ug/kg	34.1	2.60	1	A
Aroclor 1262	ND		ug/kg	34.1	1.69	1	A
Aroclor 1268	ND		ug/kg	34.1	4.94	1	A
PCBs, Total	ND		ug/kg	34.1	1.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-05	Date Collected:	12/05/14 13:00
Client ID:	WCD-SB-01 (30-31)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/08/14 18:44
Analytical Date:	12/10/14 17:50	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/09/14
Percent Solids:	90%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	2.86	1	A
Aroclor 1221	ND		ug/kg	36.2	3.34	1	A
Aroclor 1232	ND		ug/kg	36.2	4.24	1	A
Aroclor 1242	ND		ug/kg	36.2	4.43	1	A
Aroclor 1248	ND		ug/kg	36.2	3.06	1	A
Aroclor 1254	ND		ug/kg	36.2	2.98	1	A
Aroclor 1260	ND		ug/kg	36.2	2.76	1	A
Aroclor 1262	ND		ug/kg	36.2	1.80	1	A
Aroclor 1268	ND		ug/kg	36.2	5.25	1	A
PCBs, Total	ND		ug/kg	36.2	1.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-06	Date Collected:	12/05/14 13:00
Client ID:	WCD-SB-01 (33-35)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/08/14 18:44
Analytical Date:	12/10/14 18:03	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/09/14
Percent Solids:	84%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.02	1	A
Aroclor 1221	ND		ug/kg	38.2	3.52	1	A
Aroclor 1232	ND		ug/kg	38.2	4.48	1	A
Aroclor 1242	ND		ug/kg	38.2	4.68	1	A
Aroclor 1248	ND		ug/kg	38.2	3.22	1	A
Aroclor 1254	ND		ug/kg	38.2	3.14	1	A
Aroclor 1260	ND		ug/kg	38.2	2.91	1	A
Aroclor 1262	ND		ug/kg	38.2	1.89	1	A
Aroclor 1268	ND		ug/kg	38.2	5.54	1	A
PCBs, Total	ND		ug/kg	38.2	1.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/08/14 02:16
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/06/14 16:46
Cleanup Method: EPA 3665A
Cleanup Date: 12/07/14
Cleanup Method: EPA 3660B
Cleanup Date: 12/07/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG746322-1						
Aroclor 1016	ND		ug/kg	32.7	2.58	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.83	A
Aroclor 1242	ND		ug/kg	32.7	4.00	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.49	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.74	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/10/14 19:05
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/08/14 18:44
Cleanup Method: EPA 3665A
Cleanup Date: 12/09/14
Cleanup Method: EPA 3660B
Cleanup Date: 12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-06 Batch: WG746660-1						
Aroclor 1016	ND		ug/kg	31.7	2.51	A
Aroclor 1221	ND		ug/kg	31.7	2.93	A
Aroclor 1232	ND		ug/kg	31.7	3.72	A
Aroclor 1242	ND		ug/kg	31.7	3.88	A
Aroclor 1248	ND		ug/kg	31.7	2.68	A
Aroclor 1254	ND		ug/kg	31.7	2.61	A
Aroclor 1260	ND		ug/kg	31.7	2.42	A
Aroclor 1262	ND		ug/kg	31.7	1.57	A
Aroclor 1268	ND		ug/kg	31.7	4.60	A
PCBs, Total	ND		ug/kg	31.7	1.57	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG746322-2 WG746322-3									
Aroclor 1016	69		71		40-140	3		50	A
Aroclor 1260	64		66		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		70		30-150	A
Decachlorobiphenyl	61		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		86		30-150	B
Decachlorobiphenyl	69		66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG746660-2 WG746660-3									
Aroclor 1016	68		77		40-140	12		50	A
Aroclor 1260	62		67		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		71		30-150	A
Decachlorobiphenyl	56		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		79		30-150	B
Decachlorobiphenyl	59		64		30-150	B

PESTICIDES

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-01	Date Collected:	12/05/14 09:20
Client ID:	WCD-SB-04 (1-4)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/09/14 11:28
Analytical Date:	12/10/14 18:52	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/10/14
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.71	0.601	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.960	1	A
Endrin	ND		ug/kg	0.711	0.291	1	A
Endrin ketone	ND		ug/kg	1.71	0.439	1	A
Dieldrin	ND		ug/kg	1.07	0.533	1	A
4,4'-DDE	ND		ug/kg	1.71	0.394	1	A
4,4'-DDD	ND		ug/kg	1.71	0.608	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.403	1	A
Endosulfan II	ND		ug/kg	1.71	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.96	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	13.9	5.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	42		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-02	Date Collected:	12/05/14 10:10
Client ID:	WCD-SB-04 (10-13)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/09/14 11:28
Analytical Date:	12/10/14 19:08	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/10/14
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.670	0.300	1	A
Alpha-BHC	ND		ug/kg	0.670	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.610	1	A
Heptachlor	1.33		ug/kg	0.804	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.566	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.905	1	A
Endrin	ND		ug/kg	0.670	0.275	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	1.14	P	ug/kg	1.00	0.503	1	B
4,4'-DDE	ND		ug/kg	1.61	0.372	1	A
4,4'-DDD	ND		ug/kg	1.61	0.574	1	A
4,4'-DDT	ND		ug/kg	3.02	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.670	0.319	1	A
Methoxychlor	ND		ug/kg	3.02	0.938	1	A
Toxaphene	ND		ug/kg	30.2	8.44	1	A
cis-Chlordane	1.36	J	ug/kg	2.01	0.560	1	A
trans-Chlordane	2.06	PI	ug/kg	2.01	0.531	1	A
Chlordane	20.2	PI	ug/kg	13.1	5.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	54		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-03	Date Collected:	12/05/14 12:05
Client ID:	WCD-SB-01 (1-4)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/09/14 11:28
Analytical Date:	12/10/14 19:25	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/10/14
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.309	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.829	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.932	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	0.805	J	ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	2.19	J	ug/kg	3.11	1.33	1	B
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.967	1	A
Toxaphene	ND		ug/kg	31.1	8.70	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.5	5.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-04	Date Collected:	12/05/14 12:15
Client ID:	WCD-SB-01 (10-13)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/09/14 11:28
Analytical Date:	12/10/14 19:41	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/10/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	3.06	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.951	1	A
Toxaphene	ND		ug/kg	30.6	8.56	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.2	5.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/10/14 19:57
Analyst: GP
Percent Solids: 90%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/14 11:28
Cleanup Method: EPA 3620B
Cleanup Date: 12/10/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	13.9	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	66		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429291-06	Date Collected:	12/05/14 13:00
Client ID:	WCD-SB-01 (33-35)	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/09/14 11:28
Analytical Date:	12/10/14 20:14	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/10/14
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.359	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.424	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.606	1	A
Chlordane	ND		ug/kg	14.9	6.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	35		30-150	A

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/11/14 17:38
Analyst: GP

Extraction Method: EPA 3546
Extraction Date: 12/09/14 11:28
Cleanup Method: EPA 3620B
Cleanup Date: 12/10/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG746895-1						
Delta-BHC	ND		ug/kg	1.57	0.308	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	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	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	1.57	0.406	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.562	A
4,4'-DDT	ND		ug/kg	2.95	1.27	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	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	0.548	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	59		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	56		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG746895-2 WG746895-3									
Delta-BHC	61		63		30-150	3		30	A
Lindane	68		72		30-150	6		30	A
Alpha-BHC	76		82		30-150	8		30	A
Beta-BHC	73		76		30-150	4		30	A
Heptachlor	66		69		30-150	4		30	A
Aldrin	68		73		30-150	7		30	A
Heptachlor epoxide	66		71		30-150	7		30	A
Endrin	80		84		30-150	5		30	A
Endrin ketone	68		74		30-150	8		30	A
Dieldrin	71		77		30-150	8		30	A
4,4'-DDE	67		72		30-150	7		30	A
4,4'-DDD	73		78		30-150	7		30	A
4,4'-DDT	67		70		30-150	4		30	A
Endosulfan I	65		71		30-150	9		30	A
Endosulfan II	66		71		30-150	7		30	A
Endosulfan sulfate	70		76		30-150	8		30	A
Methoxychlor	70		78		30-150	11		30	A
cis-Chlordane	71		72		30-150	1		30	A
trans-Chlordane	72		75		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

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: WG746895-2 WG746895-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		63		30-150	B
Decachlorobiphenyl	52		57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		63		30-150	A
Decachlorobiphenyl	45		50		30-150	A

METALS

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01
Client ID: WCD-SB-04 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 89%

Date Collected: 12/05/14 09:20
Date Received: 12/05/14
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	8100		mg/kg	8.6	1.7	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Arsenic, Total	4.0		mg/kg	0.86	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Barium, Total	38		mg/kg	0.86	0.26	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Beryllium, Total	0.38	J	mg/kg	0.43	0.09	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Calcium, Total	3600		mg/kg	8.6	2.6	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.86	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Cobalt, Total	5.0		mg/kg	1.7	0.43	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.86	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.3	1.7	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Lead, Total	25		mg/kg	4.3	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	8.6	0.86	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.86	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	12/09/14 09:53	12/09/14 13:17	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	2.1	0.34	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Potassium, Total	640		mg/kg	210	34.	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	170	26.	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Thallium, Total	0.40	J	mg/kg	1.7	0.34	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Vanadium, Total	18		mg/kg	0.86	0.09	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT
Zinc, Total	41		mg/kg	4.3	0.60	2	12/08/14 16:35	12/10/14 16:12	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02
Client ID: WCD-SB-04 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 96%

Date Collected: 12/05/14 10:10
Date Received: 12/05/14
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	8.1	1.6	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Arsenic, Total	3.0		mg/kg	0.81	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Barium, Total	28		mg/kg	0.81	0.24	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Beryllium, Total	0.35	J	mg/kg	0.40	0.08	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.81	0.06	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Calcium, Total	2300		mg/kg	8.1	2.4	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.81	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Cobalt, Total	4.5		mg/kg	1.6	0.40	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.81	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Iron, Total	8900		mg/kg	4.0	1.6	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Lead, Total	11		mg/kg	4.0	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	8.1	0.81	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	0.81	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/09/14 09:53	12/09/14 13:19	EPA 7471B	1,7471B	MC
Nickel, Total	30		mg/kg	2.0	0.32	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	200	32.	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.81	0.16	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Sodium, Total	160		mg/kg	160	24.	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.81	0.08	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT
Zinc, Total	28		mg/kg	4.0	0.56	2	12/08/14 16:35	12/10/14 17:55	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03
Client ID: WCD-SB-01 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 94%

Date Collected: 12/05/14 12:05
Date Received: 12/05/14
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	5000		mg/kg	8.2	1.6	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Arsenic, Total	4.3		mg/kg	0.82	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Barium, Total	63		mg/kg	0.82	0.25	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.20	J	mg/kg	0.41	0.08	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Cadmium, Total	0.08	J	mg/kg	0.82	0.06	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Calcium, Total	14000		mg/kg	8.2	2.5	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.82	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Cobalt, Total	3.8		mg/kg	1.6	0.41	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Copper, Total	20		mg/kg	0.82	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Iron, Total	8600		mg/kg	4.1	1.6	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Lead, Total	120		mg/kg	4.1	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Magnesium, Total	5300		mg/kg	8.2	0.82	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.82	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	12/09/14 09:53	12/09/14 13:21	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.1	0.33	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	210	33.	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.25	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.82	0.16	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Sodium, Total	280		mg/kg	160	25.	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.33	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Vanadium, Total	17		mg/kg	0.82	0.08	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT
Zinc, Total	110		mg/kg	4.1	0.58	2	12/08/14 16:35	12/10/14 17:59	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04
Client ID: WCD-SB-01 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 95%

Date Collected: 12/05/14 12:15
Date Received: 12/05/14
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	4600		mg/kg	8.0	1.6	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Arsenic, Total	3.0		mg/kg	0.80	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Barium, Total	23		mg/kg	0.80	0.24	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Beryllium, Total	0.39	J	mg/kg	0.40	0.08	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Calcium, Total	450		mg/kg	8.0	2.4	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.80	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Cobalt, Total	5.3		mg/kg	1.6	0.40	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.80	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.0	1.6	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Lead, Total	5.2		mg/kg	4.0	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Magnesium, Total	1900		mg/kg	8.0	0.80	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Manganese, Total	210		mg/kg	0.80	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/09/14 09:53	12/09/14 13:22	EPA 7471B	1,7471B	MC
Nickel, Total	37		mg/kg	2.0	0.32	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Potassium, Total	460		mg/kg	200	32.	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Sodium, Total	93	J	mg/kg	160	24.	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Vanadium, Total	13		mg/kg	0.80	0.08	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT
Zinc, Total	23		mg/kg	4.0	0.56	2	12/08/14 16:35	12/10/14 18:29	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 90%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
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	3600		mg/kg	8.5	1.7	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Arsenic, Total	3.1		mg/kg	0.85	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Barium, Total	24		mg/kg	0.85	0.26	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Beryllium, Total	0.26	J	mg/kg	0.42	0.09	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.85	0.06	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Calcium, Total	2500		mg/kg	8.5	2.6	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.85	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Cobalt, Total	4.7		mg/kg	1.7	0.42	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.85	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Iron, Total	8800		mg/kg	4.2	1.7	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.2	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Magnesium, Total	2900		mg/kg	8.5	0.85	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Manganese, Total	370		mg/kg	0.85	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/14 09:53	12/09/14 13:24	EPA 7471B	1,7471B	MC
Nickel, Total	38		mg/kg	2.1	0.34	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Potassium, Total	590		mg/kg	210	34.	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Sodium, Total	250		mg/kg	170	26.	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Vanadium, Total	13		mg/kg	0.85	0.09	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT
Zinc, Total	30		mg/kg	4.2	0.60	2	12/08/14 16:35	12/10/14 18:33	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06
Client ID: WCD-SB-01 (33-35)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil
Percent Solids: 84%

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
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	2600		mg/kg	9.4	1.9	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Arsenic, Total	1.7		mg/kg	0.94	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Barium, Total	17		mg/kg	0.94	0.28	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Beryllium, Total	0.17	J	mg/kg	0.47	0.09	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Calcium, Total	460		mg/kg	9.4	2.8	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Chromium, Total	7.1		mg/kg	0.94	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Cobalt, Total	3.9		mg/kg	1.9	0.47	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Copper, Total	7.4		mg/kg	0.94	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Iron, Total	7400		mg/kg	4.7	1.9	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Lead, Total	3.6	J	mg/kg	4.7	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Magnesium, Total	1900		mg/kg	9.4	0.94	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.94	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/14 09:53	12/09/14 13:26	EPA 7471B	1,7471B	MC
Nickel, Total	32		mg/kg	2.4	0.38	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Potassium, Total	390		mg/kg	240	38.	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Sodium, Total	93	J	mg/kg	190	28.	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Vanadium, Total	10		mg/kg	0.94	0.09	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.7	0.66	2	12/08/14 16:35	12/10/14 18:37	EPA 3050B	1,6010C	TT

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

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): 01-06 Batch: WG746611-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Arsenic, Total	0.09	J	mg/kg	0.40	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Sodium, Total	18	J	mg/kg	80	12.	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/08/14 16:35	12/10/14 16:04	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

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: WG746735-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/14 09:53	12/09/14 13:13	1,7471B	MC

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429291
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG746611-2 SRM Lot Number: D083-540								
Aluminum, Total	73		-		51-148	-		
Antimony, Total	172		-		1-210	-		
Arsenic, Total	98		-		78-122	-		
Barium, Total	90		-		82-117	-		
Beryllium, Total	98		-		82-118	-		
Cadmium, Total	92		-		82-118	-		
Calcium, Total	88		-		82-118	-		
Chromium, Total	97		-		79-121	-		
Cobalt, Total	92		-		83-117	-		
Copper, Total	97		-		80-120	-		
Iron, Total	93		-		47-153	-		
Lead, Total	94		-		81-119	-		
Magnesium, Total	86		-		75-124	-		
Manganese, Total	95		-		81-119	-		
Nickel, Total	92		-		82-118	-		
Potassium, Total	96		-		70-130	-		
Selenium, Total	102		-		78-123	-		
Silver, Total	96		-		74-125	-		
Sodium, Total	122		-		70-130	-		
Thallium, Total	84		-		78-122	-		
Vanadium, Total	98		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG746611-2 SRM Lot Number: D083-540					
Zinc, Total	101	-	80-121	-	
Total Metals - Westborough Lab Associated sample(s): 01-06 Batch: WG746735-2 SRM Lot Number: D083-540					
Mercury, Total	90	-	75-126	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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): 01-06 QC Batch ID: WG746611-4 QC Sample: L1429291-01 Client ID: WCD-SB-04 (1-4)												
Aluminum, Total	8100	176	6200	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	44.1	42	95		-	-		75-125	-		20
Arsenic, Total	4.0	10.6	14	94		-	-		75-125	-		20
Barium, Total	38.	176	200	92		-	-		75-125	-		20
Beryllium, Total	0.38J	4.41	4.4	100		-	-		75-125	-		20
Cadmium, Total	ND	4.5	4.2	93		-	-		75-125	-		20
Calcium, Total	3600	881	11000	**840**	Q	-	-		75-125	-		20
Chromium, Total	13.	17.6	26	**74**	Q	-	-		75-125	-		20
Cobalt, Total	5.0	44.1	43	86		-	-		75-125	-		20
Copper, Total	12.	22	33	95		-	-		75-125	-		20
Iron, Total	11000	88.1	9200	**0**	Q	-	-		75-125	-		20
Lead, Total	25.	45	73	107		-	-		75-125	-		20
Magnesium, Total	2300	881	5400	**352**	Q	-	-		75-125	-		20
Manganese, Total	250	44.1	260	**23**	Q	-	-		75-125	-		20
Nickel, Total	16.	44.1	51	79		-	-		75-125	-		20
Potassium, Total	640	881	1500	98		-	-		75-125	-		20
Selenium, Total	ND	10.6	10	94		-	-		75-125	-		20
Silver, Total	ND	26.4	25	94		-	-		75-125	-		20
Sodium, Total	180	881	1100	104		-	-		75-125	-		20
Thallium, Total	0.40J	10.6	7.4	**70**	Q	-	-		75-125	-		20
Vanadium, Total	18.	44.1	56	86		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

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: WG746611-4 QC Sample: L1429291-01 Client ID: WCD-SB-04 (1-4)											
Zinc, Total	41.	44.1	80	88		-	-		75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG746735-3 WG746735-4 QC Sample: L1429476-26 Client ID: MS Sample											
Mercury, Total	22.	0.149	15	**0**	Q	17	**0**	Q	80-120	13	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG746611-3 QC Sample: L1429291-01 Client ID: WCD-SB-04 (1-4)						
Aluminum, Total	8100	5500	mg/kg	**38**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.0	3.6	mg/kg	11		20
Barium, Total	38.	36	mg/kg	5		20
Beryllium, Total	0.38J	0.23J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	3600	8900	mg/kg	**85**	Q	20
Chromium, Total	13.	10	mg/kg	**26**	Q	20
Cobalt, Total	5.0	3.6	mg/kg	**33**	Q	20
Copper, Total	12.	13	mg/kg	8		20
Iron, Total	11000	8500	mg/kg	**26**	Q	20
Lead, Total	25.	34	mg/kg	**31**	Q	20
Magnesium, Total	2300	2000	mg/kg	14		20
Manganese, Total	250	210	mg/kg	17		20
Nickel, Total	16.	13	mg/kg	**21**	Q	20
Potassium, Total	640	490	mg/kg	**27**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	180	160J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG746611-3 QC Sample: L1429291-01 Client ID: WCD-SB-04 (1-4)						
Thallium, Total	0.40J	ND	mg/kg	NC		20
Vanadium, Total	18.	14	mg/kg	**25**	Q	20
Zinc, Total	41.	42	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-01
Client ID: WCD-SB-04 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 09:20
Date Received: 12/05/14
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	88.7		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	0.28	J	mg/kg	1.1	0.26	1	12/09/14 12:05	12/10/14 13:42	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	12/10/14 10:45	12/11/14 13:30	1,7196A	JT

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-02
Client ID: WCD-SB-04 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 10:10
Date Received: 12/05/14
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	95.9		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.98	0.23	1	12/09/14 12:05	12/10/14 13:43	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.83	0.17	1	12/10/14 10:45	12/11/14 13:30	1,7196A	JT

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-03
Client ID: WCD-SB-01 (1-4)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 12:05
Date Received: 12/05/14
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	94.1		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	0.30	J	mg/kg	1.0	0.24	1	12/09/14 12:05	12/10/14 13:44	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.85	0.17	1	12/10/14 10:45	12/11/14 13:31	1,7196A	JT

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-04
Client ID: WCD-SB-01 (10-13)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 12:15
Date Received: 12/05/14
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	94.5		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	12/09/14 12:05	12/10/14 13:46	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.85	0.17	1	12/10/14 10:45	12/11/14 13:31	1,7196A	JT

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-05
Client ID: WCD-SB-01 (30-31)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
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	89.8		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.26	1	12/09/14 12:05	12/10/14 13:47	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.89	0.18	1	12/10/14 10:45	12/11/14 13:32	1,7196A	JT

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429291-06
Client ID: WCD-SB-01 (33-35)
Sample Location: 1640 FLATBUSH AVE
Matrix: Soil

Date Collected: 12/05/14 13:00
Date Received: 12/05/14
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	83.7		%	0.100	NA	1	-	12/06/14 04:25	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.26	1	12/09/14 12:05	12/10/14 13:48	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.96	0.19	1	12/10/14 10:45	12/11/14 13:32	1,7196A	JT

Project Name:

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG746843-1										
Cyanide, Total	ND		mg/kg	1.0	0.23	1	12/09/14 12:05	12/10/14 13:37	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG747362-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/10/14 10:45	12/11/14 13:19	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429291

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG746843-2 WG746843-3								
Cyanide, Total	116		102		80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG747362-2								
Chromium, Hexavalent	97		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG746843-4 WG746843-5 QC Sample: L1429412-06 Client ID: MS Sample												
Cyanide, Total	0.52J	10	11	100		11	100		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG747362-4 QC Sample: L1429291-04 Client ID: WCD-SB-01 (10-13)												
Chromium, Hexavalent	ND	1070	1000	93		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG746230-1 QC Sample: L1429141-01 Client ID: DUP Sample						
Solids, Total	83.6	83.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG747362-6 QC Sample: L1429291-04 Client ID: WCD-SB-01 (10-13)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/06/2014 01:46

Cooler Information Custody Seal

Cooler	
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429291-01A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-01B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-01C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-01D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-01E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-01F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-01X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-01Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-01Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-02A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-02B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-02C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429291-02D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-02E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-02F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-02X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-02Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-02Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-03A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-03B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-03C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-03D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-03E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429291-03F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-03X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-03Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-03Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-04A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-04B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-04C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-04D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-04E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-04F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-04X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-04Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-04Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-05A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429291-05B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-05C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-05D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-05E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-05F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-05X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-05Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-05Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-06A	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-06B	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-06C	5 gram Encore Sampler	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1429291-06D	Plastic 2oz unpreserved for TS	C	N/A	3.1	Y	Absent	TS(7)
L1429291-06E	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429291
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429291-06F	Glass 250ml/8oz unpreserved	C	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1429291-06X	Vial MeOH preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-06Y	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-06Z	Vial Water preserved split	C	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1429291-07A	Vial HCl preserved	C	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429291-07B	Vial HCl preserved	C	N/A	3.1	Y	Absent	NYTCL-8260(14)

Container Comments

L1429291-02X

L1429291-05X

*Values in parentheses indicate holding time in days

Project Name:	Not Specified	**Lab Number:**	L1429291
Project Number:	14-7233	**Report Date:**	12/12/14

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L1429291
Project Number:	14-7233	**Report Date:**	12/12/14

Data Qualifiers

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.

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:	Not Specified	**Lab Number:**	L1429291
Project Number:	14-7233	**Report Date:**	12/12/14

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.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA 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, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/5/14

ALPHA Job #: L1429291

Client Information

Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK, NY
Phone: 212 631 9000
Fax:
Email: wlindemuth@wcdgroup.com

Project Information

Project Name:
Project Location: 1640 FLATBUSH AVE
Project # 14-7233
(Use Project name as Project #)
Project Manager: WES LINDEMUTH
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date: 12/12/14
Rush (only if pre approved) [ ] # of Days: 5 DAY TAT

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[X] NY Restricted Use [ ] Other
[X] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC (CP51 VOC+10)	TCL CP-51 SVOCs H20	CYANIDE	TAL METALS + HEXAVALENT CHROMIUM	TCL PCBs + PEST				Total Bottle
29291-01	WCD-SB-04 (1-4)	12/5/14	09:20	SOIL	KH	X	X	X	X					
-02	WCD-SB-04 (10-13)	12/5/14	10:10	SOIL	KH	X	X	X	X					
-03	WCD-SB-01 (1-4)	12/5/14	12:05	SOIL	KH	X	X	X	X					
-04	WCD-SB-01 (10-13)	12/5/14	12:15	SOIL	KH	X	X	X	X					
-05	WCD-SB-01 (30-31)	12/5/14	13:00	SOIL	KH	X	X	X	X					
-06	WCD-SB-01 (33-35)	12/5/14	13:00	SOIL	AD	X	X	X	X					
-07	TRIP BLANK													

KH 12/5

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/5/14 1431		12-5-14 1431
	12-5-14 2030	Tom Tobin	12-5-14 2030
Tom Tobin	12-5-14 2357		12/5/14 2357

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1429276
Client:	Emteque LLC, A WCD Group Company A WCD Group Company 1350 Broadway, Suite 1904 New York, NY 10018
ATTN:	Wes Lindemuth
Phone:	(212) 631-9000
Project Name:	Not Specified
Project Number:	14-7233
Report Date:	12/12/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429276-01	WCD-GW-01	WATER	1640 FLATBUSH AVE BROOKLYN	12/05/14 14:05	12/05/14
L1429276-02	WCD-GW-02	WATER	1640 FLATBUSH AVE BROOKLYN	12/05/14 15:38	12/05/14
L1429276-03	WCD-GW-03	WATER	1640 FLATBUSH AVE BROOKLYN	12/05/14 10:00	12/05/14
L1429276-04	TRIP BLANK	WATER	1640 FLATBUSH AVE BROOKLYN	12/05/14 00:00	12/05/14

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

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.

Sample Receipt

A Trip Blank was listed on the Chain of Custody, but not received in the laboratory.

The samples were field filtered for Dissolved Metals.

Dissolved Metals

The WG746865-4 MS recoveries for iron (200%) and manganese (58%), performed on L1429276-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

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: Bryan Vangel

Title: Technical Director/Representative Date: 12/12/14

ORGANICS

VOLATILES

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 D
Client ID: WCD-GW-01
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 13:02
Analyst: PD

Date Collected: 12/05/14 14:05
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.66	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.72	5
Benzene	72		ug/l	2.5	0.80	5
Toluene	5.8	J	ug/l	12	3.5	5
Ethylbenzene	160		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	1.6	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.71	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 D Date Collected: 12/05/14 14:05

Client ID: WCD-GW-01 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	420		ug/l	12	3.5	5
o-Xylene	7.7	J	ug/l	12	3.5	5
Xylenes, Total	430	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	12	J	ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	12		ug/l	12	3.5	5
sec-Butylbenzene	5.3	J	ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	25		ug/l	12	3.5	5
p-Isopropyltoluene	3.7	J	ug/l	12	3.5	5
Naphthalene	75		ug/l	12	3.5	5
n-Propylbenzene	40		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	68		ug/l	12	3.5	5

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 D Date Collected: 12/05/14 14:05

Client ID: WCD-GW-01 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	270		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	200	5
p-Diethylbenzene	59		ug/l	10	3.5	5
p-Ethyltoluene	94		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	41		ug/l	10	3.2	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5
Tentatively Identified Compounds						
Total TIC Compounds	540	J	ug/l			5
Butane, 2-Methyl-	60	NJ	ug/l			5
Pentane, 2-methyl-	58	NJ	ug/l			5
Pentane, 3-methyl-	48	NJ	ug/l			5
Cyclopentane, Methyl-	62	NJ	ug/l			5
Cyclohexane	74	NJ	ug/l			5
Unknown Cycloalkane	72	J	ug/l			5
Cyclohexane, methyl-	68	NJ	ug/l			5
Unknown Cycloalkane	33	J	ug/l			5
Unknown Benzene	30	J	ug/l			5
Indane	38	NJ	ug/l			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	92		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02
Client ID: WCD-GW-02
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 13:37
Analyst: PD

Date Collected: 12/05/14 15:38
Date Received: 12/05/14
Field Prep: See Narrative

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	46		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
1,3-Dichloropropene, Total	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	0.38	J	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	9.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02 Date Collected: 12/05/14 15:38

Client ID: WCD-GW-02 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	2.4	J	ug/l	2.5	0.70	1
p/m-Xylene	1.0	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	1.0	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	16		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	16		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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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	0.77	J	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

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02 Date Collected: 12/05/14 15:38

Client ID: WCD-GW-02 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	1.9	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	1.3	J	ug/l	2.0	0.70	1
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
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 14:12
Analyst: PD

Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative

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	11		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
1,3-Dichloropropene, Total	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	0.21	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03 Date Collected: 12/05/14 10:00

Client ID: WCD-GW-03 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03 Date Collected: 12/05/14 10:00

Client ID: WCD-GW-03 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
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
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746947-3					
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
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
1,3-Dichloropropene, Total	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	0.18

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746947-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746947-3					
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
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
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746947-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746947-1 WG746947-2								
Methylene chloride	86		90		70-130	5		20
1,1-Dichloroethane	89		90		70-130	1		20
Chloroform	92		95		70-130	3		20
Carbon tetrachloride	92		94		63-132	2		20
1,2-Dichloropropane	91		94		70-130	3		20
Dibromochloromethane	92		93		63-130	1		20
1,1,2-Trichloroethane	96		97		70-130	1		20
Tetrachloroethene	92		95		70-130	3		20
Chlorobenzene	91		96		75-130	5		20
Trichlorofluoromethane	75		79		62-150	5		20
1,2-Dichloroethane	89		93		70-130	4		20
1,1,1-Trichloroethane	92		95		67-130	3		20
Bromodichloromethane	91		95		67-130	4		20
trans-1,3-Dichloropropene	88		89		70-130	1		20
cis-1,3-Dichloropropene	88		92		70-130	4		20
1,1-Dichloropropene	92		95		70-130	3		20
Bromoform	90		95		54-136	5		20
1,1,2,2-Tetrachloroethane	92		98		67-130	6		20
Benzene	95		100		70-130	5		20
Toluene	94		98		70-130	4		20
Ethylbenzene	98		102		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746947-1 WG746947-2								
Chloromethane	66		67		64-130	2		20
Bromomethane	55		53		39-139	4		20
Vinyl chloride	78		82		55-140	5		20
Chloroethane	82		86		55-138	5		20
1,1-Dichloroethene	85		86		61-145	1		20
trans-1,2-Dichloroethene	90		94		70-130	4		20
Trichloroethene	91		96		70-130	5		20
1,2-Dichlorobenzene	91		94		70-130	3		20
1,3-Dichlorobenzene	91		94		70-130	3		20
1,4-Dichlorobenzene	91		94		70-130	3		20
Methyl tert butyl ether	85		89		63-130	5		20
p/m-Xylene	98		102		70-130	4		20
o-Xylene	96		99		70-130	3		20
cis-1,2-Dichloroethene	93		97		70-130	4		20
Dibromomethane	91		95		70-130	4		20
1,2,3-Trichloropropane	89		94		64-130	5		20
Acrylonitrile	87		98		70-130	12		20
Styrene	100		104		70-130	4		20
Dichlorodifluoromethane	68		69		36-147	1		20
Acetone	103		100		58-148	3		20
Carbon disulfide	71		74		51-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746947-1 WG746947-2								
2-Butanone	103		103		63-138	0		20
Vinyl acetate	84		91		70-130	8		20
4-Methyl-2-pentanone	86		90		59-130	5		20
2-Hexanone	77		82		57-130	6		20
Bromochloromethane	94		95		70-130	1		20
2,2-Dichloropropane	84		84		63-133	0		20
1,2-Dibromoethane	90		94		70-130	4		20
1,3-Dichloropropane	91		95		70-130	4		20
1,1,1,2-Tetrachloroethane	90		95		64-130	5		20
Bromobenzene	89		95		70-130	7		20
n-Butylbenzene	89		93		53-136	4		20
sec-Butylbenzene	96		99		70-130	3		20
tert-Butylbenzene	93		96		70-130	3		20
o-Chlorotoluene	93		96		70-130	3		20
p-Chlorotoluene	95		98		70-130	3		20
1,2-Dibromo-3-chloropropane	85		89		41-144	5		20
Hexachlorobutadiene	77		83		63-130	8		20
Isopropylbenzene	97		100		70-130	3		20
p-Isopropyltoluene	93		96		70-130	3		20
Naphthalene	105		107		70-130	2		20
n-Propylbenzene	98		102		69-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746947-1 WG746947-2								
1,2,3-Trichlorobenzene	84		87		70-130	4		20
1,2,4-Trichlorobenzene	84		86		70-130	2		20
1,3,5-Trimethylbenzene	95		99		64-130	4		20
1,2,4-Trimethylbenzene	96		98		70-130	2		20
1,4-Dioxane	80		88		56-162	10		20
p-Diethylbenzene	92		95		70-130	3		20
p-Ethyltoluene	97		101		70-130	4		20
1,2,4,5-Tetramethylbenzene	105		109		70-130	4		20
Ethyl ether	90		92		59-134	2		20
trans-1,4-Dichloro-2-butene	80		84		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-01	Date Collected:	12/05/14 14:05
Client ID:	WCD-GW-01	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	12/09/14 01:53
Analytical Date:	12/11/14 12:51		
Analyst:	AS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	1.2	J	ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 Date Collected: 12/05/14 14:05

Client ID: WCD-GW-01 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 Date Collected: 12/05/14 14:05

Client ID: WCD-GW-01 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	24	J	ug/l			1
Unknown	14	J	ug/l			1
Unknown Benzene	57	J	ug/l			1
Unknown Benzene	160	J	ug/l			1
Unknown Benzene	13	J	ug/l			1
Unknown	17	J	ug/l			1
Unknown Benzene	29	J	ug/l			1
Unknown Benzene	20	J	ug/l			1
Unknown Benzene	33	J	ug/l			1
Unknown Benzene	33	J	ug/l			1
Unknown Benzene	130	J	ug/l			1
Unknown Benzene	45	J	ug/l			1
Unknown	51	J	ug/l			1
Unknown Benzene	13	J	ug/l			1
Unknown Benzene	47	J	ug/l			1
Unknown Benzene	16	J	ug/l			1
Unknown	38	J	ug/l			1
Unknown	15	J	ug/l			1
Unknown	30	J	ug/l			1
Unknown	14	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	63		41-149

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 D
Client ID: WCD-GW-01
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/11/14 20:36
Analyst: KR

Date Collected: 12/05/14 14:05
Date Received: 12/05/14
Field Prep: See Narrative
Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.40	0.13	2
2-Chloronaphthalene	ND		ug/l	0.40	0.13	2
Fluoranthene	ND		ug/l	0.40	0.09	2
Hexachlorobutadiene	ND		ug/l	1.0	0.14	2
Naphthalene	36		ug/l	0.40	0.13	2
Benzo(a)anthracene	ND		ug/l	0.40	0.11	2
Benzo(a)pyrene	ND		ug/l	0.40	0.14	2
Benzo(b)fluoranthene	ND		ug/l	0.40	0.14	2
Benzo(k)fluoranthene	ND		ug/l	0.40	0.14	2
Chrysene	ND		ug/l	0.40	0.10	2
Acenaphthylene	ND		ug/l	0.40	0.10	2
Anthracene	ND		ug/l	0.40	0.13	2
Benzo(ghi)perylene	ND		ug/l	0.40	0.14	2
Fluorene	ND		ug/l	0.40	0.11	2
Phenanthrene	ND		ug/l	0.40	0.13	2
Dibenzo(a,h)anthracene	ND		ug/l	0.40	0.15	2
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.40	0.16	2
Pyrene	ND		ug/l	0.40	0.11	2
2-Methylnaphthalene	8.1		ug/l	0.40	0.12	2
Pentachlorophenol	ND		ug/l	1.6	0.37	2
Hexachlorobenzene	ND		ug/l	1.6	0.03	2
Hexachloroethane	ND		ug/l	1.6	0.13	2

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01 D Date Collected: 12/05/14 14:05

Client ID: WCD-GW-01 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	64		41-149

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-02	Date Collected:	12/05/14 15:38
Client ID:	WCD-GW-02	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	12/09/14 01:53
Analytical Date:	12/11/14 13:17		
Analyst:	AS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	1.4	J	ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02 Date Collected: 12/05/14 15:38

Client ID: WCD-GW-02 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1
Tentatively Identified Compounds						
Unknown Alkene	8.3	J	ug/l			1
Unknown	11	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	65		41-149

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02
Client ID: WCD-GW-02
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/10/14 23:16
Analyst: KR

Date Collected: 12/05/14 15:38
Date Received: 12/05/14
Field Prep: See Narrative
Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:54

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	0.16	J	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	0.11	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

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02 Date Collected: 12/05/14 15:38

Client ID: WCD-GW-02 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	63		41-149

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-03	Date Collected:	12/05/14 10:00
Client ID:	WCD-GW-03	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	12/09/14 01:53
Analytical Date:	12/11/14 13:43		
Analyst:	AS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	0.80	J	ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1
Tentatively Identified Compounds						
Unknown	6.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**20**	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	57		41-149

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/10/14 23:41
Analyst: KR

Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative
Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:54

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

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03 Date Collected: 12/05/14 10:00

Client ID: WCD-GW-03 Date Received: 12/05/14

Sample Location: 1640 FLATBUSH AVE BROOKLYN Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23		21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	59		41-149

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/11/14 11:08
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746742-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Isophorone	2.2	J	ug/l	5.0	0.79
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/11/14 11:08
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746742-1					
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Tentatively Identified Compounds			
Unknown	17	J	ug/l

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/11/14 11:08
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG746742-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	98		41-149

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/10/14 21:38
Analyst: KR

Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG746744-1					
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: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/10/14 21:38
Analyst: KR

Extraction Method: EPA 3510C
Extraction Date: 12/09/14 01:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG746744-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	81		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746742-2 WG746742-3								
1,2,4-Trichlorobenzene	58		60		39-98	3		30
Bis(2-chloroethyl)ether	57		62		40-140	8		30
1,2-Dichlorobenzene	50		55		40-140	10		30
1,3-Dichlorobenzene	48		53		40-140	10		30
1,4-Dichlorobenzene	49		53		36-97	8		30
3,3'-Dichlorobenzidine	70		75		40-140	7		30
2,4-Dinitrotoluene	90		95		24-96	5		30
2,6-Dinitrotoluene	96		97		40-140	1		30
4-Chlorophenyl phenyl ether	74		74		40-140	0		30
4-Bromophenyl phenyl ether	81		83		40-140	2		30
Bis(2-chloroisopropyl)ether	49		54		40-140	10		30
Bis(2-chloroethoxy)methane	62		66		40-140	6		30
Hexachlorocyclopentadiene	**31**	Q	**33**	Q	40-140	6		30
Isophorone	70		74		40-140	6		30
Nitrobenzene	73		78		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	73		78		40-140	7		30
n-Nitrosodi-n-propylamine	64		68		29-132	6		30
Bis(2-Ethylhexyl)phthalate	74		75		40-140	1		30
Butyl benzyl phthalate	72		75		40-140	4		30
Di-n-butylphthalate	72		77		40-140	7		30
Di-n-octylphthalate	74		78		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746742-2 WG746742-3								
Diethyl phthalate	75		77		40-140	3		30
Dimethyl phthalate	76		78		40-140	3		30
Biphenyl	61		63			3		30
4-Chloroaniline	52		49		40-140	6		30
2-Nitroaniline	94		98		52-143	4		30
3-Nitroaniline	59		60		25-145	2		30
4-Nitroaniline	70		74		51-143	6		30
Dibenzofuran	72		73		40-140	1		30
1,2,4,5-Tetrachlorobenzene	62		62		2-134	0		30
Acetophenone	70		76		39-129	8		30
2,4,6-Trichlorophenol	95		100		30-130	5		30
P-Chloro-M-Cresol	87		88		23-97	1		30
2-Chlorophenol	69		74		27-123	7		30
2,4-Dichlorophenol	87		91		30-130	4		30
2,4-Dimethylphenol	32		46		30-130	**36**	Q	30
2-Nitrophenol	85		92		30-130	8		30
4-Nitrophenol	56		57		10-80	2		30
2,4-Dinitrophenol	100		108		20-130	8		30
4,6-Dinitro-o-cresol	110		116		20-164	5		30
Phenol	35		36		12-110	3		30
2-Methylphenol	53		63		30-130	17		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG746742-2 WG746742-3								
3-Methylphenol/4-Methylphenol	58		63		30-130	8		30
2,4,5-Trichlorophenol	99		97		30-130	2		30
Benzoic Acid	13		17			27		30
Benzyl Alcohol	49		54			10		30
Carbazole	78		81		55-144	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		54		21-120
Phenol-d6	37		39		10-120
Nitrobenzene-d5	79		85		23-120
2-Fluorobiphenyl	85		87		15-120
2,4,6-Tribromophenol	94		100		10-120
4-Terphenyl-d14	88		92		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG746744-2 WG746744-3								
Acenaphthene	86		81		37-111	6		40
2-Chloronaphthalene	87		81		40-140	7		40
Fluoranthene	98		90		40-140	9		40
Hexachlorobutadiene	76		70		40-140	8		40
Naphthalene	79		72		40-140	9		40
Benzo(a)anthracene	91		84		40-140	8		40
Benzo(a)pyrene	88		82		40-140	7		40
Benzo(b)fluoranthene	94		90		40-140	4		40
Benzo(k)fluoranthene	90		82		40-140	9		40
Chrysene	92		84		40-140	9		40
Acenaphthylene	88		80		40-140	10		40
Anthracene	89		81		40-140	9		40
Benzo(ghi)perylene	97		90		40-140	7		40
Fluorene	94		88		40-140	7		40
Phenanthrene	90		82		40-140	9		40
Dibenzo(a,h)anthracene	101		94		40-140	7		40
Indeno(1,2,3-cd)Pyrene	97		91		40-140	6		40
Pyrene	98		89		26-127	10		40
2-Methylnaphthalene	88		82		40-140	7		40
Pentachlorophenol	91		87		9-103	4		40
Hexachlorobenzene	94		88		40-140	7		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG746744-2 WG746744-3								
Hexachloroethane	70		64		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		55		21-120
Phenol-d6	29		42		10-120
Nitrobenzene-d5	90		82		23-120
2-Fluorobiphenyl	98		88		15-120
2,4,6-Tribromophenol	**126**	Q	116		10-120
4-Terphenyl-d14	101		92		41-149

PCBS

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-01	Date Collected:	12/05/14 14:05
Client ID:	WCD-GW-01	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	12/07/14 02:51
Analytical Date:	12/10/14 06:47	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-02	Date Collected:	12/05/14 15:38
Client ID:	WCD-GW-02	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	12/07/14 02:51
Analytical Date:	12/10/14 07:00	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-03	Date Collected:	12/05/14 10:00
Client ID:	WCD-GW-03	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	12/07/14 02:51
Analytical Date:	12/10/14 08:10	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/08/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/10/14 07:14
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 12/07/14 02:51
Cleanup Method: EPA 3665A
Cleanup Date: 12/08/14
Cleanup Method: EPA 3660B
Cleanup Date: 12/08/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG746377-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	79		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG746377-2 WG746377-3									
Aroclor 1016	82		78		40-140	5		50	A
Aroclor 1260	80		74		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		73		30-150	B
Decachlorobiphenyl	86		73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		73		30-150	A
Decachlorobiphenyl	81		70		30-150	A

PESTICIDES

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-01	Date Collected:	12/05/14 14:05
Client ID:	WCD-GW-01	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	12/07/14 06:13
Analytical Date:	12/09/14 20:18	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-02	Date Collected:	12/05/14 15:38
Client ID:	WCD-GW-02	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	12/07/14 06:13
Analytical Date:	12/09/14 20:35	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: Not Specified **Lab Number:** L1429276

Project Number: 14-7233 **Report Date:** 12/12/14

SAMPLE RESULTS

Lab ID:	L1429276-03	Date Collected:	12/05/14 10:00
Client ID:	WCD-GW-03	Date Received:	12/05/14
Sample Location:	1640 FLATBUSH AVE BROOKLYN	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	12/07/14 06:13
Analytical Date:	12/09/14 20:51	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/09/14 18:08
Analyst: GP

Extraction Method: EPA 3510C
Extraction Date: 12/07/14 06:13
Cleanup Method: EPA 3620B
Cleanup Date: 12/09/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG746384-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/09/14 18:08
Analyst: GP

Extraction Method: EPA 3510C
Extraction Date: 12/07/14 06:13
Cleanup Method: EPA 3620B
Cleanup Date: 12/09/14

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG746384-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG746384-2 WG746384-3									
Delta-BHC	57		68		30-150	17		20	A
Lindane	65		76		30-150	16		20	A
Alpha-BHC	74		89		30-150	18		20	A
Beta-BHC	70		78		30-150	12		20	A
Heptachlor	56		66		30-150	16		20	A
Aldrin	66		77		30-150	16		20	A
Heptachlor epoxide	66		76		30-150	15		20	A
Endrin	73		85		30-150	16		20	A
Endrin aldehyde	57		60		30-150	5		20	A
Endrin ketone	63		73		30-150	15		20	A
Dieldrin	72		84		30-150	14		20	A
4,4'-DDE	68		79		30-150	15		20	A
4,4'-DDD	68		78		30-150	14		20	A
4,4'-DDT	56		67		30-150	17		20	A
Endosulfan I	66		79		30-150	19		20	A
Endosulfan II	65		73		30-150	13		20	A
Endosulfan sulfate	65		72		30-150	11		20	A
Methoxychlor	64		75		30-150	16		20	A
cis-Chlordane	66		76		30-150	13		20	A
trans-Chlordane	69		79		30-150	15		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG746384-2 WG746384-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		63		30-150	A
Decachlorobiphenyl	67		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		59		30-150	B
Decachlorobiphenyl	64		71		30-150	B

METALS

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01
Client ID: WCD-GW-01
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 14:05
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.103		mg/l	0.0100	0.00169	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Antimony, Total	0.00020	J	mg/l	0.00300	0.00006	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Arsenic, Total	0.01120		mg/l	0.00050	0.00012	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Barium, Total	0.2015		mg/l	0.00050	0.00006	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Calcium, Total	38.8		mg/l	2.00	0.640	20	12/08/14 14:37	12/10/14 20:49	EPA 3005A	1,6020A	KL
Chromium, Total	0.00184		mg/l	0.00100	0.00025	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00173		mg/l	0.00020	0.00006	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Copper, Total	0.00274		mg/l	0.00100	0.00026	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Iron, Total	31.4		mg/l	0.0500	0.0120	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Lead, Total	0.00566		mg/l	0.00100	0.00012	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Magnesium, Total	18.0		mg/l	0.0700	0.0223	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Manganese, Total	5.504		mg/l	0.04000	0.00604	20	12/08/14 14:37	12/10/14 20:49	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:08	EPA 7470A	1,7470A	AK
Nickel, Total	0.01300		mg/l	0.00050	0.00008	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Potassium, Total	4.31		mg/l	0.100	0.0193	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Sodium, Total	144.		mg/l	3.00	0.322	20	12/08/14 14:37	12/10/14 20:49	EPA 3005A	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00063	J	mg/l	0.00500	0.00055	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Zinc, Total	0.00365	J	mg/l	0.01000	0.00256	1	12/08/14 14:37	12/10/14 20:52	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00264	J	mg/l	0.0100	0.00169	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Antimony, Dissolved	0.00263	J	mg/l	0.00300	0.00006	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Arsenic, Dissolved	0.00996		mg/l	0.00050	0.00012	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Barium, Dissolved	0.1804		mg/l	0.00050	0.00006	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL

Project Name: Not Specified
Lab Number: L1429276
Project Number: 14-7233
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01
Client ID: WCD-GW-01
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 14:05
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	37.7		mg/l	2.00	0.640	20	12/09/14 10:33	12/11/14 16:02	NA	1,6020A	KL
Chromium, Dissolved	0.00040	J	mg/l	0.00100	0.00025	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Cobalt, Dissolved	0.00146		mg/l	0.00020	0.00006	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Copper, Dissolved	ND		mg/l	0.00100	0.00026	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Iron, Dissolved	29.3		mg/l	0.0500	0.0120	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Lead, Dissolved	0.00087	J	mg/l	0.00100	0.00012	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Magnesium, Dissolved	16.3		mg/l	0.0700	0.0223	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Manganese, Dissolved	5.030		mg/l	0.04000	0.00604	20	12/09/14 10:33	12/11/14 16:02	NA	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 22:51	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.01064		mg/l	0.00050	0.00008	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Potassium, Dissolved	3.31		mg/l	0.100	0.0193	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Sodium, Dissolved	125.		mg/l	3.00	0.322	20	12/09/14 10:33	12/11/14 16:02	NA	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL
Zinc, Dissolved	ND		mg/l	0.01000	0.00256	1	12/09/14 10:33	12/11/14 16:31	NA	1,6020A	KL

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02
Client ID: WCD-GW-02
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 15:38
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.0580		mg/l	0.0100	0.00169	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Antimony, Total	0.00018	J	mg/l	0.00300	0.00006	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00014	J	mg/l	0.00050	0.00012	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Barium, Total	0.07612		mg/l	0.00050	0.00006	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Calcium, Total	52.9		mg/l	2.00	0.640	20	12/08/14 14:37	12/10/14 20:56	EPA 3005A	1,6020A	KL
Chromium, Total	0.00112		mg/l	0.00100	0.00025	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00150		mg/l	0.00020	0.00006	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Copper, Total	0.00065	J	mg/l	0.00100	0.00026	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Iron, Total	0.127		mg/l	0.0500	0.0120	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Magnesium, Total	24.8		mg/l	0.0700	0.0223	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Manganese, Total	0.7362		mg/l	0.04000	0.00604	20	12/08/14 14:37	12/10/14 20:56	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:13	EPA 7470A	1,7470A	AK
Nickel, Total	0.04873		mg/l	0.00050	0.00008	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Potassium, Total	4.09		mg/l	0.100	0.0193	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Sodium, Total	160.		mg/l	30.0	0.322	20	12/08/14 14:37	12/10/14 20:56	EPA 3005A	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Zinc, Total	0.00285	J	mg/l	0.01000	0.00256	1	12/08/14 14:37	12/10/14 21:00	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00442	J	mg/l	0.0100	0.00169	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Antimony, Dissolved	0.00088	J	mg/l	0.00300	0.00006	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Arsenic, Dissolved	0.00016	J	mg/l	0.00050	0.00012	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Barium, Dissolved	0.06736		mg/l	0.00050	0.00006	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL

Project Name: Not Specified
Lab Number: L1429276
Project Number: 14-7233
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02
Client ID: WCD-GW-02
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 15:38
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	49.6		mg/l	2.00	0.640	20	12/09/14 10:33	12/11/14 16:41	NA	1,6020A	KL
Chromium, Dissolved	ND		mg/l	0.00100	0.00025	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Cobalt, Dissolved	0.00129		mg/l	0.00020	0.00006	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Copper, Dissolved	0.00066	J	mg/l	0.00100	0.00026	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Iron, Dissolved	0.0236	J	mg/l	0.0500	0.0120	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Magnesium, Dissolved	22.5		mg/l	0.0700	0.0223	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Manganese, Dissolved	0.6340		mg/l	0.04000	0.00604	20	12/09/14 10:33	12/11/14 16:41	NA	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:00	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.04502		mg/l	0.00050	0.00008	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Potassium, Dissolved	3.36		mg/l	0.100	0.0193	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Sodium, Dissolved	146.		mg/l	3.00	0.322	20	12/09/14 10:33	12/11/14 16:41	NA	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL
Zinc, Dissolved	ND		mg/l	0.01000	0.00256	1	12/09/14 10:33	12/11/14 16:45	NA	1,6020A	KL

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.0616		mg/l	0.0100	0.00169	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Antimony, Total	ND		mg/l	0.00200	0.00006	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00025	J	mg/l	0.00050	0.00012	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Barium, Total	0.09659		mg/l	0.00050	0.00006	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Calcium, Total	56.7		mg/l	2.00	0.640	20	12/08/14 14:37	12/10/14 21:04	EPA 3005A	1,6020A	KL
Chromium, Total	0.00134		mg/l	0.00100	0.00025	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00137		mg/l	0.00020	0.00006	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Copper, Total	0.00068	J	mg/l	0.00100	0.00026	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Iron, Total	0.134		mg/l	0.0500	0.0120	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Lead, Total	0.00013	J	mg/l	0.00100	0.00012	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Magnesium, Total	43.8		mg/l	0.0700	0.0223	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Manganese, Total	0.4152		mg/l	0.04000	0.00604	20	12/08/14 14:37	12/10/14 21:04	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:19	EPA 7470A	1,7470A	AK
Nickel, Total	0.04016		mg/l	0.00050	0.00008	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Potassium, Total	4.23		mg/l	0.100	0.0193	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Selenium, Total	0.00196	J	mg/l	0.00500	0.00100	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Sodium, Total	153.		mg/l	3.00	0.322	20	12/08/14 14:37	12/10/14 21:04	EPA 3005A	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Zinc, Total	0.00320	J	mg/l	0.01000	0.00256	1	12/08/14 14:37	12/10/14 21:07	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00185	J	mg/l	0.0100	0.00169	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Antimony, Dissolved	0.00050	J	mg/l	0.00300	0.00006	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Arsenic, Dissolved	0.00023	J	mg/l	0.00050	0.00012	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Barium, Dissolved	0.08859		mg/l	0.00050	0.00006	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Cadmium, Dissolved	0.00009	J	mg/l	0.00020	0.00005	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL

Project Name: Not Specified
Lab Number: L1429276
Project Number: 14-7233
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water
Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	54.6		mg/l	2.00	0.640	20	12/09/14 10:33	12/11/14 16:49	NA	1,6020A	KL
Chromium, Dissolved	0.00046	J	mg/l	0.00100	0.00025	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Cobalt, Dissolved	0.00105		mg/l	0.00020	0.00006	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Copper, Dissolved	0.00043	J	mg/l	0.00100	0.00026	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Iron, Dissolved	ND		mg/l	0.0500	0.0120	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Magnesium, Dissolved	21.1		mg/l	1.40	0.446	20	12/09/14 10:33	12/11/14 16:49	NA	1,6020A	KL
Manganese, Dissolved	0.3389		mg/l	0.00200	0.00030	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:02	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.03600		mg/l	0.00050	0.00008	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Potassium, Dissolved	3.42		mg/l	0.100	0.0193	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Selenium, Dissolved	0.00169	J	mg/l	0.00500	0.00100	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Sodium, Dissolved	142.		mg/l	3.00	0.322	20	12/09/14 10:33	12/11/14 16:49	NA	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL
Zinc, Dissolved	ND		mg/l	0.01000	0.00256	1	12/09/14 10:33	12/11/14 16:52	NA	1,6020A	KL

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

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): 01-03 Batch: WG746577-1										
Aluminum, Total	ND		mg/l	0.0100	0.00169	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Antimony, Total	0.00012	J	mg/l	0.00300	0.00006	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Barium, Total	ND		mg/l	0.00050	0.00006	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Calcium, Total	ND		mg/l	0.100	0.0320	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Chromium, Total	0.00036	J	mg/l	0.00100	0.00025	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Magnesium, Total	ND		mg/l	0.0700	0.0223	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Manganese, Total	0.00196	J	mg/l	0.00200	0.00030	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Nickel, Total	0.00022	J	mg/l	0.00050	0.00008	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Potassium, Total	ND		mg/l	0.100	0.0193	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Sodium, Total	0.146	J	mg/l	0.150	0.0161	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	12/08/14 14:37	12/10/14 19:53	1,6020A	KL

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): 01-03 Batch: WG746618-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 22:47	1,7470A	AK

Project Name: Not Specified
Project Number: 14-7233
Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

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): 01-03 Batch: WG746619-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	12/08/14 14:25	12/08/14 23:04	1,7470A	AK

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-03 Batch: WG746865-1										
Aluminum, Dissolved	0.00171	J	mg/l	0.0100	0.00169	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Antimony, Dissolved	0.00164	J	mg/l	0.00300	0.00006	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00012	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Barium, Dissolved	ND		mg/l	0.00050	0.00006	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00025	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Cobalt, Dissolved	ND		mg/l	0.00020	0.00006	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Copper, Dissolved	0.00054	J	mg/l	0.00100	0.00026	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Iron, Dissolved	ND		mg/l	0.0500	0.0120	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0223	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Manganese, Dissolved	ND		mg/l	0.00200	0.00030	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Nickel, Dissolved	ND		mg/l	0.00050	0.00008	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Potassium, Dissolved	ND		mg/l	0.100	0.0193	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Sodium, Dissolved	0.0260	J	mg/l	0.150	0.0161	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Zinc, Dissolved	ND	mg/l	0.01000	0.00256	1	12/09/14 10:33	12/11/14 15:47	1,6020A	KL

Prep Information

Digestion Method: NA

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746577-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	112		-		80-120	-		
Arsenic, Total	110		-		80-120	-		
Barium, Total	109		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	113		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Cobalt, Total	110		-		80-120	-		
Copper, Total	112		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	105		-		80-120	-		
Magnesium, Total	112		-		80-120	-		
Manganese, Total	111		-		80-120	-		
Nickel, Total	108		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	114		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	113		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746577-2					
Zinc, Total	108	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746618-2					
Mercury, Dissolved	100	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746619-2					
Mercury, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746865-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	85	-	80-120	-	
Arsenic, Dissolved	96	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	104	-	80-120	-	
Cadmium, Dissolved	106	-	80-120	-	
Calcium, Dissolved	96	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	102	-	80-120	-	
Copper, Dissolved	101	-	80-120	-	
Iron, Dissolved	112	-	80-120	-	
Lead, Dissolved	102	-	80-120	-	
Magnesium, Dissolved	112	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	85	-	80-120	-	
Selenium, Dissolved	107	-	80-120	-	
Silver, Dissolved	95	-	80-120	-	
Sodium, Dissolved	100	-	80-120	-	
Thallium, Dissolved	97	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG746865-2					
Zinc, Dissolved	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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): 01-03 QC Batch ID: WG746577-4 QC Sample: L1429230-01 Client ID: MS Sample												
Aluminum, Total	0.0186	2	2.17	108		-	-		75-125	-		20
Antimony, Total	0.0036	0.5	0.7066	**140**	Q	-	-		75-125	-		20
Arsenic, Total	0.00060	0.12	0.1298	108		-	-		75-125	-		20
Barium, Total	0.02883	2	2.212	109		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05276	106		-	-		75-125	-		20
Cadmium, Total	0.00008J	0.051	0.05240	103		-	-		75-125	-		20
Calcium, Total	50.3	10	61.4	111		-	-		75-125	-		20
Chromium, Total	0.00137	0.2	0.2004	100		-	-		75-125	-		20
Cobalt, Total	0.0001J	0.5	0.5316	106		-	-		75-125	-		20
Copper, Total	0.00109	0.25	0.2676	107		-	-		75-125	-		20
Iron, Total	0.0621	1	1.07	101		-	-		75-125	-		20
Lead, Total	0.00014J	0.51	0.5208	102		-	-		75-125	-		20
Magnesium, Total	14.3	10	13.9	**0**	Q	-	-		75-125	-		20
Manganese, Total	0.01522	0.5	0.5586	109		-	-		75-125	-		20
Nickel, Total	0.00243	0.5	0.5110	102		-	-		75-125	-		20
Potassium, Total	6.26	10	7.27	**10**	Q	-	-		75-125	-		20
Selenium, Total	0.00780	0.12	0.145	114		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04836	97		-	-		75-125	-		20
Sodium, Total	58.0	10	69.2	112		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1161	97		-	-		75-125	-		20
Vanadium, Total	0.00120J	0.5	0.5458	109		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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): 01-03 QC Batch ID: WG746577-4 QC Sample: L1429230-01 Client ID: MS Sample									
Zinc, Total	0.01264	0.5	0.5304	104	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746618-4 QC Sample: L1429276-01 Client ID: WCD-GW-01									
Mercury, Dissolved	ND	0.005	0.00483	97	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746619-4 QC Sample: L1429276-01 Client ID: WCD-GW-01									
Mercury, Total	ND	0.005	0.00478	96	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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): 01-03 QC Batch ID: WG746865-4 QC Sample: L1429276-01 Client ID: WCD-GW-01										
Aluminum, Dissolved	0.00264J	2	1.99	100		-	-	75-125	-	20
Antimony, Dissolved	0.00263J	0.5	0.5234	105		-	-	75-125	-	20
Arsenic, Dissolved	0.00996	0.12	0.1299	100		-	-	75-125	-	20
Barium, Dissolved	0.1804	2	2.192	100		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05402	108		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05148	101		-	-	75-125	-	20
Calcium, Dissolved	37.7	10	46.9	92		-	-	75-125	-	20
Chromium, Dissolved	0.00040J	0.2	0.1980	99		-	-	75-125	-	20
Cobalt, Dissolved	0.00146	0.5	0.5122	102		-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2586	103		-	-	75-125	-	20
Iron, Dissolved	29.3	1	31.3	**200**	Q	-	-	75-125	-	20
Lead, Dissolved	0.00087J	0.51	0.5186	102		-	-	75-125	-	20
Magnesium, Dissolved	16.3	10	27.4	111		-	-	75-125	-	20
Manganese, Dissolved	5.030	0.5	5.320	**58**	Q	-	-	75-125	-	20
Nickel, Dissolved	0.01064	0.5	0.5154	101		-	-	75-125	-	20
Potassium, Dissolved	3.31	10	14.9	116		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.130	108		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04808	96		-	-	75-125	-	20
Sodium, Dissolved	125.	10	135	100		-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1155	96		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5136	103		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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): 01-03 QC Batch ID: WG746865-4 QC Sample: L1429276-01 Client ID: WCD-GW-01									
Zinc, Dissolved	ND	0.5	0.5436	109	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746577-3 QC Sample: L1429230-01 Client ID: DUP Sample						
Aluminum, Total	0.0186	0.0202	mg/l	8		20
Arsenic, Total	0.00060	0.00055	mg/l	8		20
Barium, Total	0.02883	0.02901	mg/l	1		20
Cadmium, Total	0.00008J	ND	mg/l	NC		20
Chromium, Total	0.00137	0.00130	mg/l	5		20
Copper, Total	0.00109	0.00097J	mg/l	NC		20
Iron, Total	0.0621	0.0589	mg/l	5		20
Lead, Total	0.00014J	ND	mg/l	NC		20
Manganese, Total	0.01522	0.01438	mg/l	6		20
Nickel, Total	0.00243	0.00092	mg/l	**90**	Q	20
Selenium, Total	0.00780	0.00767	mg/l	2		20
Silver, Total	ND	ND	mg/l	NC		20
Vanadium, Total	0.00120J	0.00139J	mg/l	NC		20
Zinc, Total	0.01264	0.01076	mg/l	16		20
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746618-3 QC Sample: L1429276-01 Client ID: WCD-GW-01						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746619-3 QC Sample: L1429276-01 Client ID: WCD-GW-01						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746865-3 QC Sample: L1429276-01 Client ID: WCD-GW-01					
Calcium, Dissolved	37.7	37.9	mg/l	1	20
Manganese, Dissolved	5.030	4.954	mg/l	2	20
Sodium, Dissolved	125.	126	mg/l	1	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746865-3 QC Sample: L1429276-01 Client ID: WCD-GW-01					
Aluminum, Dissolved	0.00264J	0.00291J	mg/l	NC	20
Antimony, Dissolved	0.00263J	0.00228J	mg/l	NC	20
Arsenic, Dissolved	0.00996	0.00971	mg/l	3	20
Barium, Dissolved	0.1804	0.1848	mg/l	2	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	0.00040J	0.00044J	mg/l	NC	20
Cobalt, Dissolved	0.00146	0.00150	mg/l	3	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	29.3	29.8	mg/l	2	20
Lead, Dissolved	0.00087J	0.00086J	mg/l	NC	20
Magnesium, Dissolved	16.3	16.8	mg/l	3	20
Nickel, Dissolved	0.01064	0.01098	mg/l	3	20
Potassium, Dissolved	3.31	3.50	mg/l	6	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-01
Client ID: WCD-GW-01
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water

Date Collected: 12/05/14 14:05
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/09/14 09:06	12/10/14 14:44	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/06/14 04:00	12/06/14 04:35	1,7196A	DE

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-02
Client ID: WCD-GW-02
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water

Date Collected: 12/05/14 15:38
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	12/09/14 09:06	12/10/14 14:45	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/06/14 04:00	12/06/14 04:36	1,7196A	DE

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

SAMPLE RESULTS

Lab ID: L1429276-03
Client ID: WCD-GW-03
Sample Location: 1640 FLATBUSH AVE BROOKLYN
Matrix: Water

Date Collected: 12/05/14 10:00
Date Received: 12/05/14
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/09/14 09:06	12/10/14 14:47	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/06/14 04:00	12/06/14 04:36	1,7196A	DE

Project Name:

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG746212-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	12/06/14 04:00	12/06/14 04:35	1,7196A	DE
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG746797-1										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/09/14 09:06	12/10/14 14:34	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 14-7233

Lab Number: L1429276

Report Date: 12/12/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG746212-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG746797-2 WG746797-3								
Cyanide, Total	95		93		80-120	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746212-4 QC Sample: L1429276-01 Client ID: WCD-GW-01												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746797-4 WG746797-5 QC Sample: L1429276-02 Client ID: WCD-GW-02												
Cyanide, Total	0.001J	0.2	0.198	99		0.195	98		80-120	2		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG746212-3 QC Sample: L1429276-01 Client ID: WCD-GW-01						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

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

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429276-01A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1429276-01B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1429276-01C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1429276-01D	Plastic 250ml NaOH preserved	A	>12	2.6	Y	Absent	TCN-9010(14)
L1429276-01E	Plastic 500ml HNO3 preserved	A	<2	2.6	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)
L1429276-01F	Plastic 500ml HNO3 preserved	A	<2	2.6	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)
L1429276-01G	Plastic 500ml unpreserved	A	7	2.6	Y	Absent	HEXCR-7196(1)
L1429276-01H	Amber 500ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8081(7)
L1429276-01I	Amber 500ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8081(7)
L1429276-01J	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-01K	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-01L	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429276-01M	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429276-02A	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-02B	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-02C	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-02D	Plastic 250ml NaOH preserved	B	>12	2.8	Y	Absent	TCN-9010(14)
L1429276-02E	Plastic 500ml HNO3 preserved	B	<2	2.8	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)
L1429276-02F	Plastic 500ml HNO3 preserved	B	<2	2.8	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)
L1429276-02G	Plastic 500ml unpreserved	B	7	2.8	Y	Absent	HEXCR-7196(1)
L1429276-02H	Amber 500ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8081(7)
L1429276-02I	Amber 500ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8081(7)
L1429276-02J	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-02K	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-02L	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429276-02M	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429276-03A	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-03B	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-03C	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1429276-03D	Plastic 250ml NaOH preserved	B	>12	2.8	Y	Absent	TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 14-7233

Lab Number: L1429276
Report Date: 12/12/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429276-03E	Plastic 500ml HNO3 preserved	B	<2	2.8	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)
L1429276-03F	Plastic 500ml HNO3 preserved	B	<2	2.8	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)
L1429276-03G	Plastic 500ml unpreserved	B	7	2.8	Y	Absent	HEXCR-7196(1)
L1429276-03H	Amber 500ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8081(7)
L1429276-03I	Amber 500ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8081(7)
L1429276-03J	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-03K	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1429276-03L	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429276-03M	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	Not Specified	**Lab Number:**	L1429276
Project Number:	14-7233	**Report Date:**	12/12/14

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L1429276
Project Number:	14-7233	**Report Date:**	12/12/14

Data Qualifiers

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.

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:	Not Specified	**Lab Number:**	L1429276
Project Number:	14-7233	**Report Date:**	12/12/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA 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, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/5/14

ALPHA Job #: L1429216

Client Information
Client: WCD GROUP
Address: 1350 BROADWAY
NEW YORK NY
Phone: 212 631 9000
Fax:
Email: wlindemuth@

Project Information
Project Name:
Project Location: 1640 FLATBUSH AVE BROOKLYN
Project # 14-7233
(Use Project name as Project #)
Project Manager: WES LINDEMUTH
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date: 12/12/14
# of Days:

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
Done
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	CP-51 TCL VOC +16	CP-51 TCL SVOC +20	TAL METALS (FILT +NY)	PCB	TCL PEST	CYANIDE+HEX TAL METALS CHROMIUM			Sample Specific Comments	Total Bottle
29276-01	WCD-GW-01	12/5/14	1405	WATER	AD	X	X	X	X	X	X				
-02	WCD-GW-02	12/4/14	15:38	WATER	KH	X	X	X	X	X	X				
-03	WCD-GW-03	12/5/14	10:00	WATER	AD	X	X	X	X	X	X				
-04	TRIP BLANK													KH 12/5	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/5/14 1431		12-5-14 1431
	12-5-14 2030		12-5-14 2030
	12-5-14 2357		12/5/14 23:57

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)