



**REMEDIAL INVESTIGATION
OFFICE DEPOT SHOPPING PLAZA
ROUTE 9W / BOICES LANE
ULSTER, ULSTER COUNTY, NEW YORK**

NYSDEC SITE NO.: 356048

PREPARED FOR:

9W / Boices Lane, LLC
84 Business Park Drive, Suite 208
Armonk, New York 10504

PREPARED BY:

GZA GeoEnvironmental, Inc.
East Syracuse, New York

June 19, 2015
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Mr. Paul Fornaby
Rt. 9W/Boices Lane, LLC
84 Business Park Drive, Suite 208
Armonk, New York 10504



Re: Remedial Investigation Report
Office Depot Shopping Plaza
Route 9W / Boices Lane
Kingston (Ulster), New York

Dear Mr. Fornaby:

GZA GeoEnvironmental, Inc. (GZA) has prepared this report on behalf of Rt. 9W/Boices Lane, LLC describing the results of the implementation of the subsurface Remedial Investigation and Pilot Study Work Plan for the above referenced Site approved by the New York Department of Environmental Conservation (NYSDEC) in its letter dated May 15, 2013. The work was performed pursuant to Order on Consent and Administrative Settlement, Index No.: A3-0786-12-03 (Order). The objective of the Remedial Investigation was to determine the nature and extent of the contaminants at the Site, including Tetrachloroethylene (PCE) and other related hazardous substances in soil and groundwater emanating from the Office Depot Plaza, due to past activities of an on-Site dry cleaner. Primary objectives of the Remedial Investigation included additional field reconnaissance of the Site and surrounding area to:

- Delineate the limits of subsurface soil contamination and identify any source area(s);
- Determine the magnitude and extent of groundwater impacts both vertically and laterally; and
- Review soil and groundwater analytical results to develop and evaluate remedial alternatives.

We believe that this Report complies with the obligations of Rt. 9W/Boices Lane, LLC under the Order to submit a report to the NYSDEC on the implementation of the Remedial Investigation Work Plan. Should you have any questions or require additional information following your review, please do not hesitate to contact the undersigned.

Sincerely,

GZA GEOENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read "Matthew J. Zabik".

Matthew J. Zabik
Geologist/Planner I

A handwritten signature in black ink, appearing to read "Ben. Haith".

Benjamin Haith
Senior Project Manager

A handwritten signature in blue ink, appearing to read "David L. Palmerton, Jr.".

David L. Palmerton, Jr. CPG
Sr. Vice President

cc: Jamie Verrigni, NYSDEC
Wiltwyck Property, Inc.
Hoffman Realty Ulster, LLC
Dahyabhai Patel



Bcc: S. Miron
T. Walsh





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1.0 INTRODUCTION AND BACKGROUND

In accordance with the Remedial Investigation and Pilot Study Work Plan, prepared by GZA GeoEnvironmental, Inc. (GZA) and approved by the New York Department of Environmental Conservation (NYSDEC) in its letter dated May 15, 2013 pursuant to Order on Consent and Administrative Settlement, Index No.: A3-0786-12-03 (Order), GZA implemented a subsurface investigation to characterize the nature and extent of the contaminants, including Tetrachloroethylene (PCE) and other related hazardous substances, at the Office Depot Shopping Plaza site located at the corner of Route 9W and Boices Lane in Ulster, Ulster County, New York ("Site") on behalf of Rt. 9W/Boices Lane, LLC. This report highlights the findings of the subsurface exploration and discusses the next step for Site remediation.

1.1 SITE DESCRIPTION

The Site is situated on the southwest corner of Route 9 West and Boices Lane as depicted in the attached Figure 1 "Locus Plan". A single slab-on-grade masonry block building consisting of a 33,000-square foot space and attached 11,400-square foot wing is located on the Site. Office Depot currently anchors the plaza and occupies the 33,000-square foot space, while a liquor store, Miracle Ear, Empire Vision Center, and H&R Block occupy the attached wing. The surrounding area is mostly commercial with a residential neighborhood approximately 500 feet west of the Site. Railroad tracks owned and operated by CSX Transportation border the property to the west. The topography of the Site is generally flat with a one to two percent slope towards the south. The elevation of the Site is approximately 180 to 190 feet above mean sea level.

1.2 SITE HISTORY

Based on aerial photography, the Site was developed between 1956 and 1962 as a shopping center. According to the Remedial Investigation Work Plan prepared by the Chazen Companies in 2007, the Site was not connected to the municipal sewer at that time and an on-site septic tank located adjacent to the northwest corner of the building was used for sewage disposal. According to Town of Ulster Sewer Department, the modern-day sewer system for the area near the Site was installed between 1970 and 1973 and officially activated in April 1973. Some properties in the immediate area, however, were not officially hooked up to the public sewer until the late 1970s.

In a report on a 1999 Phase II Environmental Investigation, IVI Environmental stated that the dry cleaner operated at the Site for a two year period circa 1984. In addition, GZA reviewed a lease between the Airport Realty Company (former landlord) and Pride South, Inc. (tenant) dated May 17, 1968 for the operation of a dry cleaning store at the shopping center from June 1, 1968 through June 1, 1983. Therefore, there appears to have been a dry cleaner located at the site from at least 1968 until 1985.

1.3 SITE CHARACTERISTICS

1.3.1 Surface Conditions/Vegetation

The Site and surrounding area is largely paved and occupied by commercial buildings, with the adjacent railroad bed and limited areas of vegetation between individual properties.

1.3.2 Surface Water Hydrology



Drainage of surface water from precipitation or snowmelt is by overland sheet flow over the existing surface primarily to stormwater conveyances and control features that are a part of Site, adjacent properties and highway design. There is also some infiltration of surface water to subsurface soils and groundwater in unimproved areas near Boices Lane, Route 9W, and along and adjacent to the railroad tracks. There are no local natural streams or other surface water features. The northerly-flowing Esopus Creek is located approximately 0.8 miles west of the Site.

1.3.3 Site Geology

According to the *Hudson-Mohawk Sheet* of the *New York State Surficial Geologic Map of New York*, surface soils are lacustrine sand, underlain by a thick stratum of lacustrine clayey silt. The *Hudson-Mohawk Sheet* of the *Geologic Map of New York (1995)* indicates bedrock beneath the Site is limestone of the Devonian Age - Onondaga Limestone Formation. Monitoring well installation logs indicate the immediate subsurface is comprised of poorly sorted sand and silt to a depth of approximately 12.5-17 feet below grade surface (feet bgs), with gray-brown clayey silt down to at least 115 feet bgs. Bedrock was not encountered.

1.3.4 Site Hydrogeology

Groundwater has historically been measured between six and ten feet bgs. Regional groundwater flow is westward towards Esopus Creek. Groundwater measurements from 2009 and 2010 show groundwater to flow generally to the southwest across the Site with a gradient of approximately one foot per 110 feet (0.009) under the building. The gradient becomes steeper south of the building, still trending southwestwardly, with a gradient of approximately one foot per 20 feet (0.05).

A previously prepared Remedial Investigation Work Plan (Chazen, 2007) indicates a former creek, Bear Ghatt Creek, once ran to the south of the Site. Bear Ghatt Creek apparently was filled-in during development activities along Rt. 9.

1.4 PREVIOUS INVESTIGATIONS

Multiple previous investigations were completed prior to the implementation by GZA (formerly the Palmerton Group) of the Remedial Investigation and Pilot Study Work Plan. Previous investigations are described below:

1.4.1 Phase I ESAs, 1996 & 1999 (Chazen & PSI)

Phase I Environmental Site Assessments (ESAs) were conducted in 1996 and 1999 by The Chazen Companies (Chazen) and Property Solutions Inc. (PSI), respectively. During the 1999 ESA, it was revealed that a dry cleaner had occupied one of the store fronts approximately 15 years prior. That storefront is now part of the location occupied by the liquor store. Based on that information, it was recommended that a Phase II Subsurface Investigation (Phase II) be performed to evaluate the possibility of a release to the environment from the former dry cleaner.

1.4.2 Phase II ESA, 1999 (PSI)

The Phase II investigation was completed in two stages during 1999. The first stage was a limited sub-surface Phase II investigation implemented by PSI, which consisted of the



installation of eight soil borings, including two soil borings beneath the former dry cleaner. Three soil samples from beneath the former dry cleaner were collected. One sample, identified as SB-4A, reported a PCE concentration of 4,200 micrograms per kilogram ($\mu\text{g/kg}$) approximately three feet below the concrete slab. This was the only soil sample at the time in which PCE was reported at a concentration greater than the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Soil Use Cleanup Objective of 1,300 $\mu\text{g/kg}$ (6 NYCRR Part 375). The figures accompanying the Phase II report are not available. Therefore, GZA cannot pinpoint the exact location of the PCE-impacted soils beneath the former dry cleaner.

1.4.3 Phase II ESA, 1999 (IVI Environmental)

A subsequent Phase II investigation was completed in October 1999 by IVI Environmental, Inc. (IVI). This investigation consisted of the installation of six groundwater monitoring wells (MW-1 through MW-6) and collection of groundwater samples. These samples were analyzed for the volatile organic compounds (VOCs) in Table 9D of NYSDEC Part 5 drinking water regulations, the Principal Organic Chemicals. Concentrations of PCE, trichloroethylene (TCE), 1,2 dichloroethylene, and trichlorofluoromethane were detected in the groundwater samples, with the highest concentrations reported in groundwater collected immediately behind the former dry cleaner. These results are indicative of a release of dry cleaning chemicals to the environment.

1.4.4 Phase II ESA, 2005 (IVI)

Eight additional groundwater monitoring wells (MW-7 through MW-14) were installed by IVI in March, 2005 and subsequently sampled. Groundwater analytical results indicated a groundwater plume of dissolved PCE extending south and west of the former dry cleaner location.

1.4.5 Site Investigations, 2009 (Palmerton Group)

The Palmerton Group (Palmerton) gauged groundwater levels and sampled groundwater quality from existing groundwater monitoring wells in March, 2009.

The water table elevation for March 24, 2009 was generally to the southwest across the Site with a gradient of approximately one foot per 110 feet (0.009) under the building. The gradient became steeper south of the building, still trending southwestwardly, with a gradient of approximately one foot per 20 feet (0.05). This gradient is consistent with historic gradients from two previous sampling events in 1999 and 2005.

Groundwater samples collected on March 25, 2009 were submitted for laboratory analysis to Life Sciences Laboratories, East Syracuse, NY. The samples were again analyzed for VOCs in Table 9D of NYSDEC Part 5 regulations by EPA Method SW-846 8260B.

As presented below, concentrations of PCE and TCE on March 25, 2009 exceeded the applicable NYSDEC TOGS 1.1.1 guidance value of 5 micrograms per liter ($\mu\text{g/L}$) in the following seven wells:

Sample <u>Location</u>	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)



MW-2	99	8.2
MW-3	33	<1
MW-4	1,800	<20
MW-5	7.5	<1
MW-9	84	3.6
MW-11	140	10
MW-14	2,100	<20
MW-14 duplicate	1,700	<20

Additionally, PCE and TCE were either not detected or reported at concentrations that did not exceed NYSDEC TOGS 1.1.1 guidance value in six wells:

<u>Sample Location</u>	<u>PCE (µg/L)</u>	<u>TCE (µg/L)</u>
MW-1	ND	ND
MW-6	3.1	<1
MW-8	4.8	<1
MW-10	<1	<1
MW-12	<1	<1
MW-13	<1	<1

MW-7 could not be located. No other analytes were reported at concentrations exceeding their respective method quantification limits.

1.4.6 Site Investigations, 2010 (Palmerton Group)

Palmerton personnel visited the Site on August 11 and 12, 2010 to conduct a round of groundwater-level gauging and sampling of the existing groundwater monitoring wells. Again, MW-7 could not be located. During initial reconnaissance on August 11, well MW-6 was missing its well cover and had an obstruction at 5 feet bgs.

Static water levels were gauged in all accessible wells. Depth to water ranged from a minimum of 7.01 feet below top of casing (BTOC) in MW-12 to a maximum of 11.42 BTOC in MW-10. The August 11, 2010 water table gradient was again generally to the southwest across the Site with a gradient of approximately one foot per 110 feet (0.009) under the building. The gradient again became steeper south of the building, still trending southwestwardly, with a magnitude of approximately one foot per 20 feet (0.05). This gradient was consistent with historic gradients from three previous sampling events in 1999, 2005, and 2009.

A total of 12 monitoring wells were sampled for VOCs under EPA Method 8260B. Paradigm Environmental Services, Inc. in Rochester, New York provided all analytical testing for VOCs in the groundwater samples by EPA Method SW-846 8260B. An additional four wells (MW-1, MW-11, MW-3, and MW-14) had biological samples collected concurrently for the purpose of determining applicability of bioremediation of groundwater. These samples were submitted to Site Recovery Management (SIREM) of Guelph, Ontario, Canada to provide laboratory analytical tests for microbial bacteria. Groundwater was analyzed for the presence or absence and concentration of *Dehalococcoides* (Dhc), an anaerobic bacterium that can be naturally occurring in the subsurface and is critical in the bioremediation process of chlorinated VOCs, such as PCE and TCE.



The results from SIREM Laboratories were non-detect for Dhc in all four samples, which was confirmed by the further indication that there was very limited DNA extractable in the samples. A low biomass can be attributed to the urban setting of the Site as well as to the site-specific geology.

The August 11 and 12, 2010 on-Site concentrations of PCE and TCE continued to exceed the applicable NYSDEC TOGS 1.1.1 guidance value of 5µg/L.

<u>Sample Location</u>	<u>PCE (µg/L)</u>	<u>TCE (µg/L)</u>
MW-2	305	3.87J
MW-3	21.4	ND
MW-4	1,170	ND
MW-5	5.34	ND
MW-8	60.8	9.39
MW-9	26.4	2.11
MW-11	175	17.2
MW-14	934	ND
MW-14d	955	ND

Also, PCE and TCE were reported at concentrations that did not exceed NYSDEC TOGS 1.1.1 guidance value as follows:

<u>Sample Location</u>	<u>PCE (µg/L)</u>	<u>TCE (µg/L)</u>
MW-1	ND	ND
MW-6	3.1	<1
MW-10	ND	ND
MW-12	1.02	ND
MW-13	ND	ND

Additionally, MW-8 had detections of 5.06 µg/L of cis-1,2-dichloroethene which exceeds the applicable NYSDEC TOGS 1.1.1 guidance value of 5µg/L, and vinyl chloride was detected at 3.16 µg/L in MW-8, which exceeds the NYSDEC TOGS 1.1.1 guidance value for vinyl chloride of 2 µg/L. Cis-1,2-dichloroethene was also reported in MW-11 at a concentration of 2.47 µg/L, which is below the established guidance value. Cis-1,2-dichloroethene and vinyl chloride are byproducts of the natural degradation of PCE and/or TCE.

2.0 PURPOSE AND SCOPE OF WORK

The objective of the Remedial Investigation is to determine the nature and extent of the Site-related chemicals of concern in the environmental media at and adjacent to the Office Depot Plaza Site.

Section 7.0 of the February 2013 Remedial Investigation and Pilot Study Work Plan prepared by GZA addressed the need for additional soil and groundwater characterization. Although prior sampling results indicated a soil source area of PCE existed directly beneath the former dry cleaner, the exact locations could not be determined because a figure showing the locations of the 1999



borings was not available to GZA. Additionally, the remediation method considered in the proposed pilot study required more precise soil characterization. Therefore, the installing Remedial Investigation and Pilot Study Work Plan called for installing 16 soil borings inside, north, east, south, and west of the former dry cleaner. This included the installation of up to four soil borings inside the former dry cleaner space (currently a portion of the liquor store). The Work Plan called for soil borings to be advanced to the top of the bedrock surface or other confining layer in order to characterize the entire stratigraphic sequence of unconsolidated deposits at the Site. In the event that subsurface contamination was noted to exist at the top of the confining surface in a particular boring, that boring would be drilled an additional ten feet (or until contamination was no longer detected) and bedrock cores samples obtained.

Because August 2010 groundwater samples from perimeter monitoring wells on the east, south, and west contained PCE at concentrations that exceeded 5 µg/l, the Work Plan called for installing four additional sets of nested monitoring wells to better laterally delineate the PCE groundwater plume. Each monitoring well was proposed to consist of two nested wells, one installed to bedrock or the confining layer, and the second installed an additional ten feet into bedrock or the confining layer.

3.0 FIELD STUDIES

This section describes the field studies completed as part of GZA's implementation of the Remedial Investigation and Pilot Study Work Plan.

3.1 CITIZEN PARTICIPATION PLAN, NYSDEC APPROVAL, & ACCESS AGREEMENTS

As part of the February 2013 Remedial Investigation and Pilot Study Work Plan, GZA developed a Citizens Participation Plan (CPP) to involve local citizens and encourage community interest in site investigation and cleanup at the Office Depot Plaza Site. The CPP included project contacts, locations of reports and information, site contacts, public notices, fact sheets, and opportunities for the public to contribute information, opinions and perspectives on the proposed remedial investigation. After receiving no public comments, the NYSDEC reviewed and approved the Remedial Investigation and Pilot Study Work Plan by letter dated May 15, 2013.

After receiving NYSDEC approval, Rt. 9W/Boices Lane, LLC sent access agreement request letters to three off-Site property owners requesting access to their properties (1099 Ulster Avenue (Wiltwyck Property), 1091 Ulster Avenue (Hoffman Realty – Hoffman Carwash & Jiffy Lube), and 1094 Morton Boulevard (Patel Property)) to conduct soil borings and install monitoring wells specified in the NYSDEC-approved Remedial Investigation and Pilot Study Work Plan. All three property owners granted the request for property access.

3.2 SOIL BORINGS

Between September 16, 2014 and November 20, 2014, GZA oversaw the installation of 12 soil borings north (upgradient), east (cross gradient), and south (downgradient) of the former dry cleaner. GZA also oversaw the installation of four additional soil borings inside the former dry cleaner, a portion of the current location of the liquor store.

Although the Remedial Investigation and Pilot Study Work Plan called for advancing the soil borings to the top of the bedrock surface or other confining layer in order to characterize the entire stratigraphic sequence of unconsolidated deposits at the site, it proved infeasible to do so. Based on regional investigations and observations, it was believed at the time that the Remedial Investigation and Pilot Study Work Plan was being prepared that bedrock was present beneath the Site at



approximately 15-20 feet bgs. A desktop review of nearby water supply well logs, USGS bedrock mapping studies, and an offsite remedial investigation report at the former IBM Kingston Plant indicated that, although bedrock depths are highly variable in that area of Ulster, New York, bedrock near the Site was often contacted at 2 to 20 feet bgs.

Between September 16 and 22, 2014, Aquifer Drilling and Testing (ADT) used a truck-mounted hollow-stem auger drill rig to complete three exterior borings and a wheel mounted Geoprobe® 420M to complete four interior borings inside the former dry cleaner. ADT attempted to reach and characterize depth to bedrock. Nevertheless, bedrock was not encountered in either the exterior or interior borings. However, ADT did encounter a confining layer that was present both upgradient and downgradient of the former dry cleaner.

At SB-1, north of the front door of the former dry cleaner, a soil boring was installed down to 57 feet bgs before it became infeasible to go any farther. Soil below the asphalt down to 13.5 feet bgs consisted of brown and red-brown fine to medium sand with various amounts of silt. Groundwater was encountered at approximately 8 feet bgs. Wet gray clayey silt was encountered from 13.5 to 57 feet bgs, with a one foot stratum of brown medium sand between 16 and 17 feet bgs.

ADT went deeper than 57 feet bgs to characterize the depth to bedrock at the location designated SB-5, which is on the south side (rear) of the former dry cleaner. Soil was logged down to 115 feet bgs. Bedrock, nevertheless, was not encountered at SB-5. Similar to SB-1, SB-5's soil from 0-14 feet bgs consisted of brown and red-brown fine to medium sand with various amounts of silt and some urban fill gravel between 1 and 4 feet bgs. Groundwater again was encountered at approximately 8 feet bgs. Wet gray-brown clayey silt was encountered from 14 to 115 feet bgs.

On September 22, 2014, GZA took two soil samples of the gray clayey silt unit from depths of 20-22 feet bgs and 30-32 feet bgs and submitted them for geotechnical analysis to Thielsch Engineering Laboratory in Cranston, Rhode Island for identification, strength, sieve, and hydraulic conductivity tests. The Thielsch Engineering Laboratory report dated October 3, 2014 confirmed that both soil samples consisted of gray-brown clayey silt with some narrow clay layers. The 20-22 feet bgs sample had an average water content of 23.9 percent and was composed of 88 percent silt and 12 percent clay. The 30-32 feet bgs sample had an average water content of 24.26 percent and was composed of 92 percent silt and 8 percent clay. The average hydraulic conductivity of the 20-22 feet bgs sample was 8.1×10^{-7} and the average hydraulic conductivity of the 30-32 feet bgs sample was 5.3×10^{-7} . Thus, the clayey silt's low hydraulic conductivity demonstrated the unit's ability to act as a confining layer.

On November 4, 2014, GZA submitted a request to the NYSDEC to modify the Remedial Investigation and Pilot Study Work Plan. NYSDEC agreed and approved GZA's use of the clayey silt layer as the Site's confining layer on November 4, 2014.

Between November 10 and 13, 2014, GZA observed drilling subcontractor Parratt-Wolff, Inc. use a truck-mounted Geoprobe to complete the remaining nine soil borings down to depths of 16-20 feet bgs into the clayey-silt confining layer and complete four additional soil borings down to depths of 28 feet bgs at the locations where new monitoring wells were slated to be installed. A two-inch diameter by 48-inch long macro-core sampler was driven continuously at 48-inch intervals to retrieve the soil samples. Dedicated and disposable acetate sampler liners were used inside of the macro-core sampler between sample intervals. Representative portions of the recovered soils were placed in zip-lock bags for further classification and headspace screening by GZA field scientists.



- SB-1, SB-2, SB-3, and SB-4 were advanced north and east of the former dry cleaner, upgradient and cross-gradient, respectively, to assess background conditions in the area and to confirm absence of PCE in soil and groundwater in these areas;
- SB-5, SB-6, SB-7, SB-8, SB-9, SB-10, SB-11, and SB-12 were advanced immediately south of the former dry cleaner on the undeveloped portion of the Wiltwyck Property to characterize and delineate the extent of PCE in soils immediately downgradient from the former dry cleaner in an area known to be within the PCE groundwater plume;
- SB-13, SB-14, SB-15, and SB-16 were advanced inside and beneath the slab of the former dry cleaner to characterize and delineate PCE in soil beneath the slab; and
- During monitoring well construction, soil was continuously logged by GZA down to a depth of 28 feet bgs at MW-15, MW-16, MW-17, and MW-18 to assess soil conditions at adjoining downgradient and cross gradient off-Site properties to the east, south, and west.

A representative portion of each soil sample was placed in a zip-lock bag to be headspace screened after the initial field screening after the acetate liner was opened. The headspace in the zip-lock bag of each collected soil sample was screened for total organic vapors using a photoionization detector (PID) calibrated in accordance with manufacturer's recommendations using a standard of isobutylene at a concentration of 100 parts per million (ppm). Ambient air at the Site was used to establish background organic vapor concentrations. Headspace results were recorded on the boring logs included in Appendix B.

No organic vapors (0.1 ppm or less) were detected in the north and east (upgradient) borings SB-1, SB-2, SB-3, and SB-4. Elevated concentrations of organic vapors (above 5 ppm) were detected in soils at ten soil boring locations (SB-5, SB-6, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-15, SB-16, and MW-18). High concentrations of organic vapor (greater than 50 ppm) were detected at four boring locations (SB-7, SB-8, SB-11, and SB-16). The highest PID screening concentration encountered at the Site was 5,100 ppm, located 15-16 feet bgs at SB-16 (in native sand and silt soil) beneath the rear of the former dry cleaner. GZA also observed strong odors and a solvent/cleaner-like sheen in the saturated soil at SB-16. The next highest organic vapor concentrations were in soils from SB-11 (82.4 ppm), SB-8 (67.2 ppm), SB-7 (64.4 ppm), and SB-9 (49.2 ppm) south (downgradient) of the former dry cleaner.

GZA prepared soil boring logs summarizing the general subsurface conditions that were observed at each boring and new monitoring well location. These logs provide a summary description of the soils based on visual observations of the recovered soil's color and composition. Soil boring logs are also included in Appendix B. The completed soil borings are summarized below.

Soil Boring	Boring Depth (feet bgs)	Depth to Groundwater (feet bgs)	Maximum PID Headspace Location (feet bgs)	Approx. Depth to Confining Unit (feet bgs)	Comments
SB-1	57	8	0.0 ppm	13.5	1
SB-2	16	8	0.0 ppm	12.5	
SB-3	16	9	0.0 ppm	14	
SB-4	16	8	0.0 ppm	13.5	
SB-5	115	8	6.2 ppm (12)	14	2
SB-6	32	8	14.2 ppm (12)	14.25	3
SB-7	20	8	64.4 ppm (13)	14.5	
SB-8	20	8	67.2 ppm (14)	15.5	
SB-9	16	8	49.2 ppm (14)	14	



Soil Boring	Boring Depth (feet bgs)	Depth to Groundwater (feet bgs)	Maximum PID Headspace Location (feet bgs)	Approx. Depth to Confining Unit (feet bgs)	Comments
SB-10	20	8	5.9 ppm (13)	13.5	
SB-11	20	8	82.4 ppm (14)	15	
SB-12	20	8	20.3 ppm (13)	14	
SB-13	15	8.6	1.6 ppm (9)	13	
SB-14	15	9.8	1.9 ppm (9)	14	
SB-15	15	8	18.4 ppm (14)	14	
SB-16	18	9	5,100 ppm (15)	16	4
MW-15	28	8	4.2 ppm (9)	13	
MW-16	28	6.5	3.1 ppm (14)	15	5
MW-17	28	8.5	4.4 ppm (9)	13	
MW-18	28	8	22.7 ppm (13)	15	

1. At beginning of remedial investigation, soil boring at SB-1 advanced down as far as possible with provided equipment to determine depth to bedrock. However, bedrock was not encountered.
2. Because of the deeper than expected bedrock, the NYSDEC project manager requested a feasible attempt to encounter bedrock. At 115 feet bgs, GZA did not encounter refusal or bedrock.
3. To confirm that the clayey silt layer was the Site's confining layer instead of bedrock, GZA took two Shelby Tube samples from 20-22 feet bgs and 30-32 feet bgs.
4. This boring, located near the rear door of the former dry cleaner, is believed to be within or in close proximity to the PCE source area from the former dry cleaner. GZA observed strong PCE solvent odors and a solvent-like sheen in the saturated soil, in association with elevated PID screening values over 5,000 ppm, at approximately 15 feet bgs.
5. A shallow well (MW-16S) was installed four feet north of the MW-16 soil boring location. At four feet bgs, GZA observed dark black soil with a strong sewage and cleaner odor. GZA took an additional soil sample denominated the "MW-16S soil sample".

GZA used a PID to monitor VOC emissions. At the beginning of each work day before drilling began, GZA calibrated the PID according to the manufacturer's specifications. Upwind concentrations were measured at the start of each workday after calibrating the PID to establish background conditions. A final upwind concentration was measured at the conclusion of the day's activities.

VOCs were continuously monitored using a PID attached to a tripod at the downwind perimeter of the immediate work area (exclusion zone) at each soil boring or monitoring well location. The downwind perimeter was located approximately 20 feet from the drilling equipment. Dust particulate concentrations were monitored continuously at the upwind and downwind perimeters of the exclusion zone using temporary particulate monitoring stations attached to the same tripod containing the PID.

Air concentrations of VOCs at the downwind perimeter of the work area did not exceed the established five parts per million (ppm) action level above background for the 15-minute average throughout the duration of the project. Downwind PM-10 particulate levels did not exceed the 100 micrograms per cubic meter (mcg/m³) action level during the project.

3.3 MONITORING WELL INSTALLATIONS

Between November 13 and 19, 2014, Parratt-Wolff, Inc., under the direction of GZA, installed four sets of monitoring wells to assist in the delineation of both the lateral and vertical extents of the PCE



groundwater plume on adjoining downgradient and cross gradient off-Site properties to the east, south, and west. At each of the four locations, one shallow well, designated by “S”, was installed to the top of the clayey silt confining unit and one medium or intermediate well, designated by “M”, was installed approximately 10 feet into the clayey silt confining unit.

Each well was installed using a truck-mounted hollow stem auger drilling rig. Monitoring wells were constructed using two-inch diameter 0.020-slot PVC well screen and blank pipe. The annular space around the screen was filled with washed silica (type 0) sand pack, extending from the base of the boring to two feet above the top of the screened section. A two foot thick layer of bentonite slurry was then placed in the annular space no more than two feet above the confining layer in the medium wells to prevent potential migration of shallow contaminants into the confining unit. A two foot thick layer of bentonite slurry was also installed in the shallow wells. To prevent surface contamination from entering the annulus, a bentonite-cement grout slurry mix was also placed within 18 inches of the ground surface. A vented, locking protective steel casing cover was placed over the PVC stick-up portion of each well. Originally, GZA planned to install a pair of nested wells at each of the four locations. Because the equipment to construct the nested wells was unavailable, GZA, with the approval of the NYSDEC Project Manager, installed two separate shallow and medium wells at each location spaced approximately three to five feet apart.

As part of the off-Site investigation, GZA oversaw the installation and completion of the two paired monitoring wells (MW-16/MW-16S) on November 18 and 19, 2014 at the Hoffman Car Wash/Jiffy Lube (1091 Ulster Avenue, Ulster (Kingston), NY). After successfully completing the installation of a two inch diameter PVC monitoring well down to a depth of 26 feet bgs, GZA’s subcontractor, Parratt-Wolff, Inc. began drilling the shallow monitoring well approximately three feet south of the first completed well. At approximately three to four feet bgs, the contractor encountered two 1” diameter PVC pipes and the edge of what appeared to be buried concrete chamber. GZA immediately stopped work and contacted the property owner’s representative, but he had no knowledge of these utilities (the utility locating service also did not find these pipes and concrete during their investigation). After the PVC pipe was repaired by the contractor and the boring filled in, GZA made the decision to complete the shallow monitoring well four feet north of the existing deeper monitoring well, located at the edge of the pavement in an area also cleared by the utility locator. At four feet bgs, the driller stopped drilling MW-16S and notified GZA that they were drilling through wet dark black soil with a strong sewage and cleaner odor. GZA scanned the soil with a calibrated PID and received elevated VOC screening headspace concentrations of 600-775 ppm. GZA took a sample of the black soil material and sent it to Pace Analytical, Inc. for analysis. GZA noted that the black soil material contained what appeared to decomposing human waste and hair. The strong cleaner odor was similar to toilet cleaners used in public restrooms and portable toilets. Well MW-16S was ultimately installed through that black soil material to a depth of 16 feet bgs.

Well installation logs are included as Appendix C.

Approximately 24 to 48 hours after well installation, GZA and subcontractor Parratt-Wolff developed each newly installed well by evacuating well water from the casing utilizing two- and three-stage inertial pumps. Prior to developing each well, GZA measured the initial water level and total depth of the well. When possible, GZA continued well development on each newly installed well until stabilization of field parameter measurements was achieved and/or the turbidity of the discharge water was 50 Nephelometric Turbidity Units (NTUs) or less. GZA monitored and recorded the following field parameters: turbidity, pH, temperature, and specific conductivity on a GZA well development form. On January 30, 2015, a licensed surveyor surveyed the new well locations and elevations.



3.4 GROUNDWATER SAMPLING

On December 8 and 9, 2014, GZA sampled groundwater from the 13 of the 14 pre-existing monitoring wells and the four paired (total of eight) newly installed monitoring wells. Pre-existing monitoring well MW-7, which was located east of the former dry cleaner's rear loading dock, could not be located and is assumed to be destroyed. When possible, groundwater samples were collected using low flow sampling techniques. Groundwater purging involved using a peristaltic pump and collecting real-time water quality measurements using a YSI 556MPS with a flow cell to measure temperature, pH, specific conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity. Groundwater quality measurements were recorded and, when three sequential readings were observed to be within a 10% range of each other, the groundwater samples were collected. MW-2 and MW-12 were sampled using dedicated plastic bailers. MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-13, MW-15M, MW-15S, MW-16M, and MW-16S were sampled using a low-flow peristaltic pump.

3.5 INVESTIGATION DERIVED WASTE (IDW)

Drill cuttings from the boring/monitoring well installations, decontamination water, and well development process water was containerized and stored in twenty-three 55-gallon metal drums on Site until removed by Environmental Products and Services of Vermont (EPS of VT) on December 16, 2014. On December 17, 2014, EPS of VT disposed of 2,800 pounds of soil cuttings at the Ontario County Landfill in Stanley, New York and 360 gallons of decontamination water and purge water was recycled at Industrial Oil in Oriskany, New York. Manifests and certificates of disposal are included in Appendix F.

4.0 ANALYTICAL TESTING

Upon collection of the 22 soil (plus two duplicates) and 21 (plus three duplicates) groundwater samples, GZA placed the samples into laboratory supplied glassware and bottleware. The samples were placed on ice and packed into a cooler and transported by laboratory courier under chain of custody to Alpha Analytical, Inc. in Westborough, Massachusetts where they were received in good condition and within the four degrees Celsius temperature requirement.

5.0 SUBSURFACE CONDITIONS

5.1 SOILS

The interior floor slab surfaces at the former dry cleaner generally consist of concrete material with a thickness of approximately six inches. GZA observed fill like materials such as bricks and angular gravel mixed in with fine to medium sand down to three feet bgs. Fine to medium sand of varying gray, brown, and red colors and trace amounts of silt were generally observed from three feet bgs to 13-16 feet bgs. The gray-brown clayey silt confining layer with some narrow clay layers was observed 13-16 feet bgs.

The exterior surfaces at the Site and adjacent off-Site investigation areas consist of 6-9 inches of asphalt in the paved areas or 0-6 inches of topsoil in the non-paved areas. GZA encountered limited fill material, approximately 0.5 to 4 feet thick in most locations. The immediate subsurface below the fill was comprised of poorly sorted fine to medium sand and silt to a depth of approximately 12.5-17 feet bgs. The gray-brown clayey silt confining layer with some narrow clay layers was observed at depths of 12.5-17 feet bgs and greater.



5.2 GROUNDWATER

On December 8, 2014, before sampling groundwater, GZA took static depth to groundwater measurements from all 21 on-Site and off-Site monitoring wells. Depth to groundwater ranged from 5.31 feet bgs (MW-15S) to 9.45 feet bgs (MW-9). On January 30, 2015, a licensed surveyor surveyed the new well locations and elevations. With this information, GZA was able to map the groundwater elevation and determine flow direction at the Site. In general, groundwater at the Site flows south and west toward the former Bear Ghatt Creek with a gradient of approximately one foot per 170 feet (0.006) under the building. The gradient becomes steeper south and west of the building, still trending southwestwardly, with a magnitude of approximately one foot per 30 feet (0.03).

A previous Remedial Investigation Work Plan by Chazen in 2007 indicates that former Bear Ghatt Creek once ran along the property line of the Site and the Hoffman's Car Wash property). The December 8, 2014 water table measurements confirm that this creek, apparently filled-in during development activities, continues to influence groundwater flow in the area. Groundwater from the Site flows south toward the former creek and then appears to flow west along the axis of the former creek toward the railroad tracks. Measurements from the new wells constructed on the Hoffman's Car Wash property (MW-16M and MW-16S) suggests groundwater flows north toward the former creek and then likely west along the axis of the former creek toward the railroad tracks. Figures 4A and 4B show groundwater table contours and inferred groundwater flow directions.

6.0 ANALYTICAL TEST RESULTS

Analytical results of soil and groundwater samples collected at the Site during the Remedial Investigation are presented below. The analytical results for the soil samples are summarized on Table 1. The analytical results for the groundwater samples are summarized on Table 2. The analytical results for waste characterization sampling are summarized on Table 3. The analytical laboratory reports for soil and groundwater are provided in Appendices F & G.

The analytical test results for the subsurface soil samples were compared to NYSDEC Part 375 Unrestricted and Restricted Use Soil Cleanup Objectives (SCOs). Based on the historical and current commercial usage of the Site and the adjoining properties, the Commercial SCOs were considered when evaluating the soil analytical results from the Site.

The analytical test results for the groundwater samples were compared to NYSDEC Groundwater criteria presented in the Division of Water Technical and Operational Guidance Series (TOGS 1.1.), dated October 1993, revised June 1998, errata January 1999 and amended April 2000 (Class GA).

6.1 SOIL

Volatile Organic Compounds

As shown on Table 1, concentrations of PCE exceeded the applicable NYSDEC Unrestricted SCOs value of 1,300 µg/kg in 7 soil samples and 1 duplicate. Specifically, PCE was reported above the Unrestricted SCO at concentrations of 5,000 µg/kg at SB-7 (12-16), 4,000 µg/kg at SB-8 (12-16), 5,900 µg/kg at SB-9 (12-16), 4,900 µg/kg at SB-11 (12-16), 1,800 µg/kg at duplicate SB-110 (12-16), 2,100 µg/kg at SB-12 (12-16), 5,600 µg/kg at SB-15 (12-15), and 1,500 µg/kg at MW-18 (12-16). PCE exceeded the applicable NYSDEC Commercial SCOs at SB-16 (14-17) with a concentration of 330,000 µg/kg. TCE was reported above the NYSDEC Unrestricted SCOs value of 470 µg/kg at SB-16 (14-17) with a concentration of 2,000 µg/kg. Methylene chloride was reported above the NYSDEC Unrestricted SCOs value of 50 µg/kg at SB-15 (12-15) (concentration



of 320 J) and SB-16 (14-17) (concentration of 7,400 J) and total Xylenes were reported above the NYSDEC Unrestricted SCOs value of 260 µg/kg at SB-16 (14-17) (concentration of 1,500 J).

After encountering soil contamination during the installation of MW-16S on the Hoffman Car Wash/Jiffy Lube property, GZA obtained a sample of the black stained soil with a strong cleaner/sewage odor. Analytical results showed that the MW-16S soil sample from 6-16 feet bgs did not contain elevated levels of any of the Site-related compounds of concern associated with the location of the former drycleaner.

Semi-Volatile Organic Compounds:

Semi-volatile organic compounds were detected above minimum detection levels in 9 of the 24 soil samples submitted for analysis. A total of 19 different SVOCs were detected within the 9 samples that contained SVOCs. Many of the SVOCs detected are collectively called polycyclic aromatic hydrocarbons (PAHs). PAHs are typically present in anthropogenic materials related to hydrocarbon products including burning of fossil fuels, and asphalt pavement. Elevated levels of PAHs are not uncommon in urban soil/fill materials regardless of current site use. Only the MW-16S shallow soil sample from the Hoffman Car Wash/Jiffy Lube property contained concentrations of SVOCs above SCOs, none of which appear to be related to the Site.

Additional Parameters

The 22 soil samples and 2 duplicates were also analyzed for Total Organic Carbon (TOC) which the NYSDEC uses to adjust SCOs to create site-specific cleanup levels as appropriate. Reporting for TOC was depicted in a percentage. TOC percentages ranged ND < 0.050 % to 0.536 %. Because another laboratory sampled the MW-16S soil sample, the TOC for this soil sample was reported in mg/kg (28,000 mg/kg).

6.2 GROUNDWATER

Volatile Organic Compounds

As presented in Table 2, the compounds of concern in groundwater at the Site are PCE and its daughter products, TCE, *cis*-1,2-Dichloroethene, *trans*-1,2-Dichloroethene, and Vinyl chloride. Concentrations of PCE exceeded the applicable NYSDEC TOGS 1.1.1 guidance value of 5 micrograms per liter (µg/L) in 12 of the 21 groundwater samples and in two duplicate samples. Specifically, PCE was reported at concentrations of 100 µg/L at MW-2, 21 µg/L at MW-3, 830 µg/L at MW-4, 16 µg/L at MW-5, 9.4 µg/L at MW-6, 9.5 µg/L at DUP 1, 42 µg/L at MW-8, 25 µg/L at MW-9, 130 µg/L at MW-11, 1,700 µg/L at MW-14, 14 µg/L at MW-15S, 100 µg/L at MW-17S, 2,600 µg/L at MW-18S, and 2,600 µg/L at DUP 2. Concentrations of 1,2-Dichloroethylene exceeded the applicable NYSDEC TOGS 1.1.1 guidance value of 0.6 micrograms per liter (µg/L) at MW-2 (2.5 J µg/L) and MW-9 (0.78 J µg/L)). Concentrations of TCE exceeded the applicable NYSDEC TOGS 1.1.1 guidance value of 5 micrograms per liter (µg/L) at MW-2 (8.8 µg/L) and MW-11 (11 µg/L).

Benzene-related compounds which do not appear to be associated with an on-Site source were reported in four monitoring wells at elevated concentrations above applicable NYSDEC TOGS 1.1.1 guidance values (MW-10, MW-11, MW-16M and MW-16S).

Semi-Volatile Organic Compounds



Semi-volatile organic compounds were detected above minimum detection levels in 15 of the 24 groundwater samples submitted for analysis. A total of 20 different SVOCs were detected within the 15 samples that contained SVOCs. Many of the SVOCs detected are collectively called polycyclic aromatic hydrocarbons (PAHs). Four SVOCs which do not appear to be associated with an on-Site source had concentrations above the applicable NYSDEC TOGS 1.1.1 guidance values. Exceedances were from two monitoring wells (MW-10 and MW-16S).

Additional Parameters

Groundwater was analyzed for the presence or absence and concentration of *Dehalococcoides* (Dhc), a bacteria that can be naturally occurring in the subsurface and is critical in the bioremediation process of chlorinated compounds. Just like in the 2010 sampling program, select groundwater samples were collected at MW-1, MW-11, MW-3, and MW-14 for the analysis of Dhc. The results were non-detect for Dhc in all four samples and indicated that there was very limited DNA extractable in the samples. A low biomass can be attributed to the urban setting of the Site as well as to the site-specific geology. Microbial bacterial analysis was completed by SIREM Laboratories.

To evaluate the effectiveness of a possible Dhc application program at the Site (remedial alternative) to naturally biodegrade PCE, TCE, *cis*-1,2-Dichloroethene and vinyl chloride detected in soil and groundwater, GZA also analyzed groundwater samples for dissolved carbon, nitrate, nitrite, sulfate, and total organic carbon. Only nitrate, nitrite, and sulfate have applicable NYSDEC TAGM 4046 guidance values. None of the samples submitted for laboratory analysis during this sampling event had exceedances of nitrate, nitrite, and sulfate.

7.0 DISCUSSION

The objective of the Remedial Investigation was to determine the nature and extent of PCE and other Site-related contaminants in soil and groundwater emanating from the Office Depot Plaza Site. Primary goals of the Remedial Investigation included additional field reconnaissance of the study site and surrounding area to:

- Delineate the limits of subsurface soil contamination and find the PCE source area;
- Determine the magnitude and extent of groundwater contamination both vertically and laterally; and
- Review soil and groundwater analytical results to develop a remedial action.

While analytical results indicate that PCE continues to remain in both on-Site and off-Site soils at concentrations above NYSDEC Unrestricted Use SCOs in soil, the PCE in soil is limited to areas beneath the former dry cleaner and to a narrow area downgradient of the former dry cleaner within the dissolved groundwater plume on the adjacent Wiltwyck property. A thick glacial lacustrine clayey silt layer located approximately 12.5-16 feet bgs has been identified as a confining layer throughout the Site. Consequently, this confining unit restricts the PCE in soil to depths of 9-16 feet bgs. The highest concentration of PCE (330,000 µg/kg), found at SB-16 14-17 feet bgs underneath the concrete slab in the area of the former dry cleaner, is believed to be the source area or in very close proximity to it. PCE concentrations drop off significantly to near non-detect levels (0.42 to 11 µg/kg) 35 to 70 feet north and east of the source area. However, PCE concentrations remain elevated and above NYSDEC Unrestricted Soil Use Clean Up Objectives in soil 12-16 feet bgs downgradient of the source area (up to 5,900 µg/kg) in the spatial extent of the groundwater plume. The soil impacts south and downgradient of the source area (former dry cleaner) are most likely related to the groundwater plume of dissolved PCE emanating south and west from the source area. No PCE was found in soil samples (MW-16 and MW-16S) from the adjacent Hoffman's Car Wash/Jiffy Lube



property and low soil concentrations (25 µg/kg) of PCE were reported in the sample collected from MW-15 at the Patel Property to the west of the Site.

Additional monitoring wells were installed on adjacent properties downgradient of the source area to delineate the extent of the PCE groundwater plume to the south, east, and west of the Site. An additional set of wells were also installed within the PCE plume downgradient of the source area. Each set of new wells contained a shallow and medium depth well to assess groundwater in the shallow (down to 13-16 feet bgs) upper sand unit and the medium depth confined gray-brown clayey silt unit.

All three off-Site medium depth wells were non-detect for concentrations of PCE in groundwater, while PCE was only detected at 0.76 µg/L in the medium well (MW-18M) immediately downgradient of the source area, confirming that the clayey silt unit is an effective confining layer. This demonstrates the effectiveness of the gray-brown clayey silt unit at restricting the flow of PCE and other VOCs into deeper aquifers.

Two of the three shallow off-Site wells at MW-15S and MW-17S contained elevated concentrations of PCE, while the new on-Site shallow well immediately downgradient of the source area (MW-18S) reported a PCE concentration of 2,600 µg/L. Thus, both soil and groundwater sampling suggests that the dissolved PCE plume from the former dry cleaner area is within the poorly sorted sand and silt unit immediately above the top of the clayey silt unit.

Groundwater samples from monitoring wells between 1999 and 2014 suggest that the plume extends from the rear of the former dry cleaner (source area) south along the western portion of the Wiltwyck property, as well as south and west under the storage room of the liquor store toward the former Bear Ghatt Creek. Groundwater elevations taken in 2014 indicate that the former Bear Ghatt Creek, which is located between the Site and Hoffman's Car Wash/Jiffy Lube property, controls groundwater flow directions in the immediate area.

Results of the August 2010 sampling event indicated the PCE plume at the Site had changed very little in aerial extent and concentrations between 1999 and 2010. Analytical results from the 2014 sampling program confirm that the aerial extent of the PCE plume has changed little from 2010. However, the newly installed groundwater wells east of the defined plume (MW-17M and MW-17S) indicate that shallow groundwater (13-16 feet bgs or less) above the clayey silt layer is impacted with PCE near the vacant building on the Wiltwyck property. PCE appears to taper at the former Bear Ghatt Creek and not impact the Hoffman's Car Wash/Jiffy Lube property.

Overall, concentrations of PCE in this plume area are relatively stable. Five wells experienced a reduction in PCE concentration since 2010 (MW-3 (-0.4 µg/L), MW-4 (-340 µg/L), MW-8 (-18.8 µg/L), MW-9 (-1.4 µg/L), and MW-11 (-45 µg/L)). Two wells near and slightly east of the source area experienced an increase in PCE concentrations since 2010 (MW-5 (+10.66 µg/L) and MW-14 (+766 µg/L)).

A separate area of slightly elevated PCE concentrations in groundwater, discovered in previous sampling events, is located west of the Office Depot store near the building's loading docks. This is believed to be the location of a former septic tank/system, possibly used to discharge wastes with PCE from the dry cleaner prior to the Site's connection to public sewer in the 1970s. MW-2 and MW-11 are believed to have been installed in the area of the former septic system and leaching field. Between 2005 and 2010, PCE concentrations ranged from 99 µg/L to 305 µg/L at MW-2 and from 42 µg/L to 175 µg/L at MW-11. Recent (2014) sampling found PCE concentrations were within these ranges, with MW-2 at 100 µg/L and MW-11 at 130 µg/L. Unlike the Site's main plume behind

the former dry cleaner, groundwater in the area of the former septic tank/leaching field contain elevated concentrations of 1,2-Dichloroethylene (2.5 µg/L at MW-2), cis-1,2- Dichloroethylene (2.5 µg/L at MW-2), and TCE (8.8 µg/L at MW-2 and 11 µg/L at MW-11) indicative of ongoing biodegradation.



Analytical results from one soil sample and one groundwater sample at the location of MW-16S indicate that the benzene-related compounds detected at MW-10 are from an off-Site source, likely a former septic waste field.

The data from the Remedial Investigation supports the selection of the remedial alternative outlined in the Interim Remedial Measures Work Plan as potentially the final remedy for the Site. With the NYSDEC's approval, the implementation of the Interim Remedial Measures Work Plan will proceed in the summer, 2015.

In addition, because PCE was detected at 100 µg/L in MW-17S, GZA is proposing to install another shallow groundwater monitoring well on the south side of the neighboring property owned by Wiltwyck Properties LLC to confirm the southwestward extent of the PCE plume. GZA will also assess the soil vapor intrusion risk in the basement of the building on that property consistent with NYSDOH's October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and its paired indoor/sub-slab sampling protocol.

The conclusions in this report are subject to the limitations presented in Appendix A and are based on a limited number of soil and groundwater samples analyzed as part of this Remedial Investigation and previous sampling events between 1999 and 2014.

TABLES

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9/W Boices Lane (Office Depot Plaza)
Town of Ultser, Ulster County, New York

TABLE 1: Soil - Detected Analytical Results

Sample ID	NYSDEC	NYSDEC	Units	SB-1	SB-2	SB-3	SB-4	SB-40	SB-5	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-110	SB-12	SB-13
Sample Depth (ftbgs)	Unrestricted	Commercial		4-8	4-8	4-8	4-8	4-8	8-10	16-18	4-8	12-16	12-16	12-16	12-16	12-16	12-16	12-16	6-9
Date Sampled	Soil Use	Soil Use		9/16/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	9/19/2014	9/19/2014	9/22/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014
Volatile Organic Compounds (VOCs)																			
1,2,4-Trichlorobenzene	NE	NE	µg/kg	ND < 5.5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	ND < 4.6	ND < 4.8	ND < 6.5	ND < 360	ND < 330	ND < 530	ND < 4.2	ND < 380	ND < 340	ND < 340	ND < 6.0
1,2-Dichlorobenzene	1,100	500,000	µg/kg	ND < 5.5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	ND < 4.6	ND < 4.8	ND < 6.5	ND < 360	ND < 330	ND < 530	ND < 4.2	ND < 380	ND < 340	ND < 340	ND < 6.0
1,3-Dichlorobenzene	2,400	280,000	µg/kg	ND < 5.5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	ND < 4.6	ND < 4.8	ND < 6.5	ND < 360	ND < 330	ND < 530	ND < 4.2	ND < 380	ND < 340	ND < 340	ND < 6.0
1,4-Dichlorobenzene	1,800	130,000	µg/kg	ND < 5.5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	ND < 4.6	ND < 4.8	ND < 6.5	ND < 360	ND < 330	ND < 530	ND < 4.2	ND < 380	ND < 340	ND < 340	ND < 6.0
4-Isopropyltoluene	NE	NE	µg/kg	ND < 1.1	ND < 1.1	ND < 1.2	ND < 0.96	ND < 0.97	ND < 0.93	ND < 0.97	ND < 1.3	ND < 73	ND < 66	ND < 110	ND < 0.85	ND < 75	ND < 68	ND < 68	ND < 1.2
2-Butanone (MEK)	120	500,000	µg/kg	ND < 11	ND < 11	ND < 12	ND < 9.6	ND < 9.7	ND < 9.3	2.3 J	ND < 13	ND < 730	130 J	ND < 1,100	ND < 8.5	ND < 750	ND < 680	ND < 680	ND < 12
Acetone	50	500,000	µg/kg	23	12	ND < 12	5.9 J	8.4 J	ND < 9.3	15	8.7 J	ND < 730	ND < 660	ND < 1,100	5.0 J	ND < 750	ND < 680	ND < 680	15
Benzene	60	44,000	µg/kg	ND < 1.0	ND < 1.1	ND < 1.2	ND < 0.96	ND < 0.97	ND < 0.93	ND < 0.97	ND < 1.3	ND < 73	ND < 66	ND < 110	ND < 0.85	ND < 75	ND < 68	ND < 68	ND < 1.2
Bromomethane	NE	NE	µg/kg	ND < 2.2	ND < 2.2	ND < 2.4	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 2.6	66 J	46 J	ND < 210	ND < 1.7	34 J	ND < 140	ND < 140	ND < 2.4
Chlorobenzene	1,100	500,000	µg/kg	ND < 1.0	ND < 1.1	ND < 1.2	ND < 0.96	ND < 0.97	ND < 0.93	ND < 0.97	ND < 1.3	ND < 73	ND < 66	ND < 110	ND < 0.85	ND < 75	ND < 68	ND < 68	ND < 1.2
Chloromethane	NE	NE	µg/kg	ND < 5.5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	ND < 4.6	ND < 4.8	ND < 6.5	84 J	49 J	67 J	ND < 4.2	70 J	50 J	38 J	ND < 6.0
Ethyl Ether	NE	NE	µg/kg	1.0	0.38 J	ND < 5.9	0.49 J	0.78 J	ND < 4.6	ND < 4.8	0.74 J	ND < 360	ND < 330	ND < 530	ND < 4.2	23 J	ND < 340	ND < 340	0.36 J
Methylene chloride	50	500,000	µg/kg	ND < 11	ND < 11	ND < 12	ND < 9.6	ND < 9.7	ND < 9.3	ND < 9.7	ND < 13	ND < 730	ND < 660	ND < 1,100	ND < 8.5	ND < 750	ND < 680	ND < 680	ND < 12
Tetrachloroethylene (PCE)	1,300	150,000	µg/kg	0.42 J	0.47 J	ND < 1.2	ND < 0.96	ND < 0.97	3.4	ND < 0.97	3.3	5,000	4,000	5,900	7.0	4,900	1,800	2,100	11
Toluene	700	500,000	µg/kg	0.39 J	0.33 J	0.28 J	0.25 J	0.30 J	ND < 1.4	ND < 1.4	ND < 1.9	ND < 110	ND < 99	ND < 160	ND < 1.3	ND < 110	ND < 100	ND < 100	ND < 1.8
Trichloroethylene (TCE)	470	200,000	µg/kg	ND < 1.1	ND < 1.1	ND < 1.2	ND < 0.96	ND < 0.97	ND < 0.93	ND < 0.97	ND < 1.3	ND < 73	ND < 66	ND < 110	ND < 0.85	ND < 75	ND < 68	ND < 68	ND < 1.2
Trichlorofluoromethane	NE	NE	µg/kg	ND < 5	ND < 5.4	ND < 5.9	ND < 4.8	ND < 4.8	1.7 J	1.0 J	ND < 6.5	ND < 360	ND < 330	ND < 530	ND < 4.2	ND < 380	ND < 340	ND < 340	ND < 6.0
p/m-Xylene	260	500,000	µg/kg	ND < 2.2	0.22 J	ND < 2.4	0.20 J	0.23 J	ND < 1.9	ND < 1.9	ND < 2.6	ND < 150	ND < 130	ND < 210	ND < 1.7	ND < 150	ND < 140	ND < 140	ND < 2.4
Xylene (Total)	260	500,000	µg/kg	ND < 2.2	0.22 J	ND < 2.4	0.20 J	0.23 J	ND < 1.9	ND < 1.9	ND < 2.6	ND < 150	ND < 130	ND < 210	ND < 1.7	ND < 150	ND < 140	ND < 140	ND < 2.4
Semivolatile Organic Compounds (SVOCs)																			
1,2,4-Trichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
1,2-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
1,3-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
1,4-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
4-Methylphenol	330	500,000	µg/kg	ND < 250	ND < 240	ND < 250	ND < 250	ND < 250	ND < 280	ND < 290	ND < 290	ND < 290	ND < 290	ND < 310	ND < 270	ND < 300	ND < 300	ND < 300	ND < 270
Anthracene	100,000	500,000	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Benzo(a)anthracene	1,000	5,600	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Benzo(a)pyrene	1,000	1,000	µg/kg	ND < 140	ND < 140	ND < 140	ND < 140	ND < 140	ND < 150	ND < 160	ND < 160	ND < 160	ND < 160	ND < 170	ND < 150	ND < 170	ND < 160	ND < 160	ND < 150
Benzo(b)fluoranthene	1,000	5,600	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Benzo(g,h,i)perylene	100,000	500,000	µg/kg	ND < 140	ND < 140	ND < 140	ND < 140	ND < 140	ND < 150	ND < 160	ND < 160	ND < 160	ND < 160	ND < 170	ND < 150	ND < 170	ND < 160	ND < 160	ND < 150
Benzo(k)fluoranthene	800	56,000	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Bis(2-Ethylhexyl)phthalate	NE	NE	µg/kg	ND < 170	240	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	200 J	170 J	ND < 210	640	180 J	ND < 190
Butyl benzyl phthalate	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	540	ND < 210	ND < 190
Di-n-butylphthalate	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
Di-n-octylphthalate	NE	NE	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
Fluoranthene	100,000	500,000	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Naphthalene	12,000	500,000	µg/kg	ND < 170	ND < 170	ND < 170	ND < 170	ND < 170	ND < 190	ND < 200	ND < 200	ND < 200	ND < 200	ND < 210	ND < 190	ND < 210	ND < 210	ND < 210	ND < 190
Phenanthrene	100,000	500,000	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Pyrene	100,000	500,000	µg/kg	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 120	ND < 120	ND < 120	ND < 120	ND < 120	ND < 130	ND < 110	ND < 120	ND < 120	ND < 120	ND < 110
Other Parameters																			
Total Organic Carbon	NE	NE	%	0.394	ND < 0.050	ND < 0.050	ND < 0.050	ND < 0.050	0.112	0.200	ND < 0.050	ND < 0.050	ND < 0.050	ND < 0.050	0.070	ND < 0.050	ND < 0.050	0.053	ND < 0.050

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Town of Ultser, Ulster County, New York

TABLE 1: Soil - Detected Analytical Results

Sample ID	NYSDEC	NYSDEC	Units	SB-14	SB-15	SB-16	MW-15	MW-16	MW-16S	MW-17	MW-18
Sample Depth (ftbgs)	Unrestricted	Commercial		6-9	12-15	14-17	8-12	12-16	6-16	12-16	12-16
Date Sampled	Soil Use	Soil Use		9/22/2014	9/22/2014	9/22/2014	11/13/2014	11/12/2014	11/19/2014	11/12/2014	11/11/2014
Volatile Organic Compounds (VOCs)											
1,2,4-Trichlorobenzene	NE	NE	µg/kg	ND < 4.8	ND < 330	ND < 6,200	ND < 4.4	ND < 4.3	4,400,000 D	ND < 3.7	ND < 370
1,2-Dichlorobenzene	1,100	500,000	µg/kg	ND < 4.8	ND < 330	ND < 6,200	ND < 4.4	ND < 4.3	19,000,000 D	ND < 3.7	ND < 370
1,3-Dichlorobenzene	2,400	280,000	µg/kg	ND < 4.8	ND < 330	ND < 6,200	ND < 4.4	ND < 4.3	12,000,000 D	ND < 3.7	ND < 370
1,4-Dichlorobenzene	1,800	130,000	µg/kg	ND < 4.8	ND < 330	ND < 6,200	ND < 4.4	ND < 4.3	15,000,000 D	ND < 3.7	ND < 370
4-Isopropyltoluene	NE	NE	µg/kg	ND < 0.97	ND < 67	ND < 1,200	ND < 0.89	ND < 0.87	56,000 D	ND < 0.74	ND < 74
2-Butanone (MEK)	120	500,000	µg/kg	ND < 9.7	ND < 670	ND < 12,000	ND < 8.9	ND < 8.7	ND < 54,000 D	ND < 7.4	ND < 740
Acetone	50	500,000	µg/kg	12	ND < 670	ND < 12,000	20	4.3 J	ND < 54,000 D	8.0	ND < 740
Benzene	60	44,000	µg/kg	ND < 0.97	ND < 67	ND < 1,200	ND < 0.89	ND < 0.87	480,000 D	ND < 0.74	ND < 74
Bromomethane	NE	NE	µg/kg	0.6 J	ND < 130	ND < 2,500	ND < 1.8	ND < 1.7	ND < 54,000 D	ND < 1.5	ND < 150
Chlorobenzene	1,100	500,000	µg/kg	ND < 0.97	ND < 67	ND < 1,200	ND < 0.89	ND < 0.87	1,800,000 D	ND < 0.74	ND < 74
Chloromethane	NE	NE	µg/kg	ND < 4.8	ND < 330	ND < 6,200	ND < 4.4	ND < 4.3	< 54,000 D	ND < 3.7	66 J
Ethyl Ether	NE	NE	µg/kg	ND < 4.8	100 J	2,600 J	0.28 J	ND < 4.3	< 54,000 D	0.25 J	ND < 370
Methylene chloride	50	500,000	µg/kg	ND < 9.7	320 J	7,400 J	ND < 8.9	ND < 8.7	< 54,000 D	ND < 7.4	ND < 740
Tetrachloroethylene (PCE)	1,300	150,000	µg/kg	7.9	5,600	330,000	25	ND < 0.87	< 54,000 D	330 E	1,500
Toluene	700	500,000	µg/kg	ND < 1.4	ND < 100	ND < 1,900	ND < 1.8	ND < 1.3	< 54,000 D	ND < 1.1	ND < 110
Trichloroethylene (TCE)	470	200,000	µg/kg	ND < 0.97	ND < 67	2,000	ND < 0.89	ND < 0.87	< 54,000 D	0.66 J	ND < 74
Trichlorofluoromethane	NE	NE	µg/kg	ND < 4.8	ND < 330	ND < 6,200	0.56 J	ND < 4.3	< 54,000 D	ND < 3.7	ND < 370
p/m-Xylene	260	500,000	µg/kg	ND < 1.9	100 J	1,500 J	ND < 1.8	ND < 1.7	< 54,000 D	ND < 1.5	ND < 150
Xylene (Total)	260	500,000	µg/kg	ND < 1.9	100 J	1,500 J	ND < 1.8	ND < 1.7	< 54,000 D	ND < 1.5	ND < 150
Semivolatile Organic Compounds (SVOCs)											
1,2,4-Trichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 210	ND < 200	ND < 190	ND < 210	2,400,000 D	ND < 200	ND < 210
1,2-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 210	ND < 200	ND < 190	ND < 210	6,900,000 D	ND < 200	ND < 210
1,3-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 210	ND < 200	ND < 190	ND < 210	4,700,000 D	ND < 200	ND < 210
1,4-Dichlorobenzene	NE	NE	µg/kg	ND < 170	ND < 210	ND < 200	ND < 190	ND < 210	5,000,000 D	ND < 200	ND < 210
4-Methylphenol	330	500,000	µg/kg	ND < 240	ND < 300	ND < 290	ND < 270	ND < 300	1,100	ND < 290	ND < 300
Anthracene	100,000	500,000	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	1,400	ND < 120	ND < 120
Benzo(a)anthracene	1,000	5,600	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	11,000	ND < 120	ND < 120
Benzo(a)pyrene	1,000	1,000	µg/kg	ND < 130	ND < 160	ND < 160	ND < 150	ND < 160	3,800	ND < 160	ND < 170
Benzo(b)fluoranthene	1,000	5,600	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	4,400	ND < 120	ND < 120
Benzo(g,h,i)perylene	100,000	500,000	µg/kg	ND < 130	ND < 160	ND < 160	ND < 150	ND < 160	1,500	ND < 160	ND < 170
Benzo(k)fluoranthene	800	56,000	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	1,400	ND < 120	ND < 120
Bis(2-Ethylhexyl)phthalate	NE	NE	µg/kg	ND < 170	ND < 210	2,700	ND < 190	150 J	9,200	ND < 200	170 J
Butyl benzyl phthalate	NE	NE	µg/kg	ND < 170	ND < 210	470	ND < 190	ND < 210	4,500	ND < 200	ND < 210
Di-n-butylphthalate	NE	NE	µg/kg	ND < 170	ND < 210	320	ND < 190	ND < 210	ND < 1,100	ND < 200	ND < 210
Di-n-octylphthalate	NE	NE	µg/kg	ND < 170	ND < 210	140 J	ND < 190	ND < 210	ND < 1,100	ND < 200	ND < 210
Fluoranthene	100,000	500,000	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	8,000	ND < 120	ND < 120
Naphthalene	12,000	500,000	µg/kg	ND < 170	ND < 210	86 J	ND < 190	ND < 210	8,200	ND < 200	ND < 210
Phenanthrene	100,000	500,000	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	5,800	ND < 120	ND < 120
Pyrene	100,000	500,000	µg/kg	ND < 100	ND < 120	ND < 120	ND < 110	ND < 120	12,000	ND < 120	ND < 120
Other Parameters											
Total Organic Carbon	NE	NE	%	ND < 0.050	0.068	0.083	ND < 0.050	0.053	28,000 mg/kg	0.536	ND < 0.050

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TABLE 1 NOTES

Regulatory Notes:

Criteria Used: New York Department of Environmental Conservation (NYSDEC) Unrestricted and Commercial Use Soil Cleanup Objectives

Source: §375-6.8 Soil cleanup objective tables: Table 375-6.8(a): Unrestricted and Commercial Use Soil Cleanup Objectives

Table Notes:

Analytes only listed on table if detected in one or more soil samples by lab

Shaded value(s) indicate an exceedance of one or more of the NYSDEC Soil Criteria

ftbgs = feet below grade surface

ND = Non Detect

NE = Not Established (Soil criteria for analyte not established by NYSDEC)

Laboratory Notes:

All soil samples analyzed by Alpha Analytical (Westborough, MA) except for MW-16S, which was analyzed by Pace Analytical (Schenectady, NY)

D = Results for Dilution

E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

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).

Duplicate samples from SB-4 (SB-40) and SB-11 (SB-110)

MS/MSD analysis from SB-1 (4-8) and SB-10 (12-16)

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TABLE 2: Groundwater - Detected Analytical Results

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards*	Units	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4
Date Sampled	10/25/1999		4/22/2005	3/25/2009	8/11/2010	12/9/2014	10/25/1999	4/22/2005	3/25/2009	8/11/2010	12/9/2014	10/25/1999	4/22/2005	3/25/2009	8/11/2010	12/8/2014	10/25/1999	3/25/2009	
Volatile Organic Compounds (VOCs)																			
1,2-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
1,2-Dichloroethylene	0.6	µg/L	ND < 1	ND < 1	ND < 1	NA	ND < 0.5	6	ND < 1	1.2	NA	2.5 J	2	ND < 1	ND < 1	NA	ND < 0.5	ND < 1	ND < 20
1,3-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
1,2,3-Trichlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
1,2,4-Trichlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
1,4-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
Benzene	1	µg/L	ND < 1	ND < 1	ND < 1	ND < 0.7	ND < 0.5	ND < 1	ND < 1	ND < 1	ND < 1.75	ND < 1.2	ND < 1	ND < 1	ND < 1	ND < 0.7	ND < 0.5	ND < 1	ND < 20
Chlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
Cis-1,2-Dichloroethylene	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	2.5 J	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 20
Tetrachloroethylene (PCE)	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 0.5	140	210	99	305	100	47	29	33	21.4	21	160	1,800
Trichloroethylene (TCE)	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 0.5	ND < 1	ND < 1	8.2	3.87 J	8.8	ND < 1	ND < 1	ND < 1	ND < 2	0.6	ND < 1	ND < 20
Trichlorofluoromethane	5	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 6.2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	1	ND < 20
Vinyl Chloride	2	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 20
Semivolatile Organic Compounds (SVOCs)																			
1,2,4,5-Tetrachlorobenzene	5	µg/L	NA	NA	NA	NA	ND < 10	NA	NA	NA	NA	ND < 10	NA	NA	NA	NA	ND < 10	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA
1,2-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA
1,3-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA
1,4-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA
2-Methylnaphthalene	NE	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Benzo(a)anthracene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Benzo(a)pyrene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Benzo(b)fluoranthene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Benzo(g,h,i)perylene	NE	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Benzo(k)fluoranthene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Bis(2-Ethylhexyl)phthalate	5	µg/L	NA	NA	NA	NA	1.1 J	NA	NA	NA	NA	1.1 J	NA	NA	NA	NA	ND < 3	NA	NA
Chrysene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Dibenzo(a,h)anthracene	NE	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Di-n-butylphthalate	50	µg/L	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA
Indeno(1,2,3-cd)Pyrene	0.002*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Fluoranthene	50*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	0.06 J	NA	NA	NA	NA	ND < 0.20	NA	NA
Naphthalene	10	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Phenanthrene	50*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Pyrene	50*	µg/L	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA
Other Parameters																			
Dissolved Carbon	NE	mg/L	NA	NA	NA	NA	2.6 J	NA	NA	NA	NA	2.6 J	NA	NA	NA	NA	1.6 J	NA	NA
Nitrate	10	mg/L	NA	NA	NA	NA	1.6	NA	NA	NA	NA	1.9	NA	NA	NA	NA	0.78	NA	NA
Nitrite	1	mg/L	NA	NA	NA	NA	ND < 0.05	NA	NA	NA	NA	ND < 0.05	NA	NA	NA	NA	ND < 0.05	NA	NA
Sulfate	250	mg/L	NA	NA	NA	NA	83.6	NA	NA	NA	NA	66.2	NA	NA	NA	NA	106	NA	NA
Total Organic Carbon	NE	mg/L	NA	NA	NA	NA	2.6	NA	NA	NA	NA	2.6	NA	NA	NA	NA	0.60 J	NA	NA

*Guidance value only, not a standard

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TABLE 2: Groundwater - Detected Analytical Results

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards*	Units	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	DUP 1	MW-7	MW-8	MW-8	MW-8
Date Sampled			8/12/2010	12/8/2014	10/25/1999	4/22/2005	3/25/2009	8/12/2010	12/8/2014	10/25/1999	4/22/2005	3/25/2009	12/8/2014	12/8/2014	4/22/2005	4/22/2005	3/25/2009	8/11/2010
Volatile Organic Compounds (VOCs)																		
1,2-Dichlorobenzene	3	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
1,2-Dichloroethylene	0.6	µg/L	NA	ND < 5.0	ND < 1	ND < 1	ND < 1	NA	ND < 0.5	3	ND < 1	ND < 1	ND < 0.5	ND < 0.5	ND < 10	ND < 1	ND < 1	NA
1,3-Dichlorobenzene	3	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
1,2,3-Trichlorobenzene	5	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
1,2,4-Trichlorobenzene	5	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
1,4-Dichlorobenzene	3	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
Benzene	1	µg/L	ND < 7	ND < 5.0	ND < 1	ND < 1	ND < 1	ND < 0.7	ND < 0.5	ND < 1	ND < 1	ND < 1	ND < 0.5	ND < 0.5	ND < 10	ND < 1	ND < 1	ND < 0.7
Chlorobenzene	5	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
Cis-1,2-Dichloroethylene	5	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	2	ND < 1	ND < 2.5	ND < 2.5	ND < 10	3	ND < 1	5.06
Tetrachloroethylene (PCE)	5	µg/L	1,170	830	6	2	7.5	5.34	16	50	41	3.1	9.4	9.5	610	31	4.8	60.8
Trichloroethylene (TCE)	5	µg/L	ND < 20	ND < 5.0	ND < 1	ND < 1	ND < 1	ND < 2	ND < 0.5	ND < 1	1	ND < 1	ND < 0.5	0.19 J	ND < 10	7	ND < 1	9.39
Trichlorofluoromethane	5	µg/L	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 1	ND < 2.5	ND < 2.5	ND < 10	ND < 1	ND < 1	ND < 2
Vinyl Chloride	2	µg/L	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 10	1	ND < 1	3.16
Semivolatile Organic Compounds (SVOCs)																		
1,2,4,5-Tetrachlorobenzene	5	µg/L	NA	ND < 10	NA	NA	NA	NA	ND < 10	NA	NA	NA	NA	ND < 10	ND < 10	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	ND < 5	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	ND < 2	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	ND < 2	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	NA	ND < 2	NA	NA	NA	NA	ND < 2	NA	NA	NA	NA	ND < 2	ND < 2	NA	NA	NA
2-Methylnaphthalene	NE	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Benzo(a)anthracene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Benzo(a)pyrene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Benzo(b)fluoranthene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Benzo(g,h,i)perylene	NE	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Benzo(k)fluoranthene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	5	µg/L	NA	ND < 3	NA	NA	NA	NA	ND < 3	NA	NA	NA	NA	ND < 3	ND < 3	NA	NA	NA
Chrysene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Dibenzo(a,h)anthracene	NE	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Di-n-butylphthalate	50	µg/L	NA	ND < 5	NA	NA	NA	NA	ND < 5	NA	NA	NA	NA	ND < 5	ND < 5	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	0.002*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Fluoranthene	50*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Naphthalene	10	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Phenanthrene	50*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Pyrene	50*	µg/L	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	ND < 0.20	ND < 0.20	NA	NA	NA
Other Parameters																		
Dissolved Carbon	NE	mg/L	NA	1.7 J	NA	NA	NA	NA	2.8 J	NA	NA	NA	NA	2.9	2.9	NA	NA	NA
Nitrate	10	mg/L	NA	0.68	NA	NA	NA	NA	2	NA	NA	NA	NA	1.4	1.3	NA	NA	NA
Nitrite	1	mg/L	NA	ND < 0.05	NA	NA	NA	NA	ND < 0.05	NA	NA	NA	NA	ND < 0.05	ND < 0.05	NA	NA	NA
Sulfate	250	mg/L	NA	35.8	NA	NA	NA	NA	107	NA	NA	NA	NA	19.3	17	NA	NA	NA
Total Organic Carbon	NE	mg/L	NA	0.66 J	NA	NA	NA	NA	0.82	NA	NA	NA	NA	1.8	1.9	NA	NA	NA

*Guidance value only, not a standard

31.0180004.00
9/W Boices Lane (Office Depot Plaza)
Town of Ultser, Ulster County, New York

TABLE 2: Groundwater - Detected Analytical Results

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards*	Units	MW-8	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12
Date Sampled			12/8/2014	4/22/2005	3/25/2009	8/12/2010	12/8/2014	4/22/2005	3/25/2009	8/12/2010	12/9/2014	4/22/2005	3/25/2009	8/11/2010	12/9/2014	4/22/2005	3/25/2009	8/11/2010	12/9/2014
Volatile Organic Compounds (VOCs)																			
1,2-Dichlorobenzene	3	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	15	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
1,2-Dichloroethylene	0.6	µg/L	ND < 0.5	ND < 1	1.5	NA	0.78 J	ND < 1	ND < 1	NA	ND < 0.5	ND < 1	1.5	NA	ND < 2	ND < 1	ND < 1	NA	ND < 0.5
1,3-Dichlorobenzene	3	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	7.9	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
1,2,3-Trichlorobenzene	5	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
1,2,4-Trichlorobenzene	5	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
1,4-Dichlorobenzene	3	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	10	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
Benzene	1	µg/L	ND < 0.5	ND < 1	ND < 1	ND < 0.7	ND < 0.5	ND < 1	ND < 1	ND < 0.7	6.1	ND < 1	ND < 1	ND < 0.7	1.4 J	ND < 1	ND < 1	ND < 0.7	ND < 0.5
Chlorobenzene	5	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	14	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
Cis-1,2-Dichloroethylene	5	µg/L	ND < 2.5	2	ND < 1	ND < 2	0.78 J	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	2.47	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
Tetrachloroethylene (PCE)	5	µg/L	42	69	84	26.4	25	ND < 1	ND < 1	ND < 2	ND < 0.5	42	140	175	130	ND < 1	ND < 1	1.02 J	0.38J
Trichloroethylene (TCE)	5	µg/L	0.38 J	3	3.6	2.11	1.7	ND < 1	ND < 1	ND < 2	ND < 0.5	3	10	17.2	11	ND < 1	ND < 1	ND < 2	ND < 0.5
Trichlorofluoromethane	5	µg/L	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 1	ND < 1	ND < 2	ND < 8	ND < 1	ND < 1	ND < 2	ND < 2.5
Vinyl Chloride	2	µg/L	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 2	ND < 4	ND < 1	ND < 1	ND < 2	ND < 1
Semivolatile Organic Compounds (SVOCs)																			
1,2,4,5-Tetrachlorobenzene	5	µg/L	ND < 10	NA	NA	NA	ND < 10	NA	NA	NA	ND < 10	NA	NA	NA	ND < 10	NA	NA	NA	ND < 10
1,2,4-Trichlorobenzene	5	µg/L	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5
1,2-Dichlorobenzene	3	µg/L	ND < 2	NA	NA	NA	ND < 2	NA	NA	NA	3.2	NA	NA	NA	ND < 2	NA	NA	NA	ND < 2
1,3-Dichlorobenzene	3	µg/L	ND < 2	NA	NA	NA	ND < 2	NA	NA	NA	1.8 J	NA	NA	NA	ND < 2	NA	NA	NA	ND < 2
1,4-Dichlorobenzene	3	µg/L	ND < 2	NA	NA	NA	ND < 2	NA	NA	NA	2.1	NA	NA	NA	ND < 2	NA	NA	NA	ND < 2
2-Methylnaphthalene	NE	µg/L	ND < 0.20	NA	NA	NA	0.17 J	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Benzo(a)anthracene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Benzo(a)pyrene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Benzo(b)fluoranthene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	0.14 J
Benzo(g,h,i)perylene	NE	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	0.09 J
Benzo(k)fluoranthene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Bis(2-Ethylhexyl)phthalate	5	µg/L	ND < 3	NA	NA	NA	ND < 3	NA	NA	NA	ND < 3	NA	NA	NA	1.4 J	NA	NA	NA	1.4 J
Chrysene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Dibenzo(a,h)anthracene	NE	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Di-n-butylphthalate	50	µg/L	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5	NA	NA	NA	ND < 5
Indeno(1,2,3-cd)Pyrene	0.002*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	0.08 J
Fluoranthene	50*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	0.07 J
Naphthalene	10	µg/L	ND < 0.20	NA	NA	NA	0.3	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Phenanthrene	50*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Pyrene	50*	µg/L	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20	NA	NA	NA	ND < 0.20
Other Parameters																			
Dissolved Carbon	NE	mg/L	2.6 J	NA	NA	NA	2.4 J	NA	NA	NA	3.2 J	NA	NA	NA	2.0 J	NA	NA	NA	3.0 J
Nitrate	10	mg/L	3.8	NA	NA	NA	1.3	NA	NA	NA	0.054 J	NA	NA	NA	1.6	NA	NA	NA	2.1
Nitrite	1	mg/L	ND < 0.05	NA	NA	NA	ND < 0.05	NA	NA	NA	ND < 0.05	NA	NA	NA	ND < 0.05	NA	NA	NA	ND < 0.05
Sulfate	250	mg/L	47.1	NA	NA	NA	80.9	NA	NA	NA	17.3	NA	NA	NA	48.5	NA	NA	NA	71.8
Total Organic Carbon	NE	mg/L	1.800	NA	NA	NA	1.5	NA	NA	NA	3.2	NA	NA	NA	2.0 J	NA	NA	NA	3.0

*Guidance value only, not a standard

31.0180004.00
9/W Boices Lane (Office Depot Plaza)
Town of Ultser, Ulster County, New York

TABLE 2: Groundwater - Detected Analytical Results

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards*	Units	MW-13	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14 DUP	MW-14	MW-14 DUP	MW-14	MW-15M	MW-15S	MW-16M	DUP 3	MW-16S	MW-17M
Date Sampled			4/22/2005	3/25/2009	8/12/2010	12/9/2014	4/22/2005	3/25/2009	3/25/2009	8/12/2010	8/11/2010	12/8/2014	12/9/2014	12/9/2014	12/9/2014	12/9/2014	12/9/2014	12/8/2014
Volatile Organic Compounds (VOCs)																		
1,2-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	1.8 J	ND < 2.5	3.1	2.4 J	1,100	0.71 J
1,2-Dichloroethylene	0.6	µg/L	ND < 1	ND < 1	NA	ND < 0.5	ND < 50	ND < 20	ND < 20	NA	ND < 20	ND < 12	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 10	ND < 0.5
1,3-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	0.98 J	ND < 2.5	1.7 J	1.3 J	680	ND < 2.5
1,2,3-Trichlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	27 J	ND < 2.5
1,2,4-Trichlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	100	ND < 2.5
1,4-Dichlorobenzene	3	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	1.3 J	ND < 2.5	1.9 J	1.5 J	820	ND < 2.5
Benzene	1	µg/L	ND < 1	ND < 1	ND < 0.7	ND < 0.5	ND < 50	ND < 20	ND < 20	ND < 7	ND < 7	ND < 12	0.38 J	ND < 0.5	0.45 J	0.41 J	820	ND < 0.5
Chlorobenzene	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	1.0 J	ND < 2.5	ND < 2.5	ND < 2.5	800	ND < 2.5
Cis-1,2-Dichloroethylene	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 50	ND < 2.5
Tetrachloroethylene (PCE)	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 0.5	1,600	2,100	1,700	934	955	1,700	ND < 0.5	14	ND < 0.5	ND < 0.5	ND < 10	ND < 0.5
Trichloroethylene (TCE)	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 0.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 12	ND < 0.5	0.48 J	ND < 0.5	ND < 0.5	ND < 10	ND < 0.5
Trichlorofluoromethane	5	µg/L	ND < 1	ND < 1	ND < 2	ND < 2.5	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 62	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 50	ND < 2.5
Vinyl Chloride	2	µg/L	ND < 1	ND < 1	ND < 2	ND < 1	ND < 50	ND < 20	ND < 20	ND < 20	ND < 20	ND < 25	ND < 1	ND < 1	ND < 1	ND < 1	ND < 20	ND < 1
Semivolatile Organic Compounds (SVOCs)																		
1,2,4,5-Tetrachlorobenzene	5	µg/L	NA	NA	NA	ND < 10	NA	NA	NA	NA	NA	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	0.44 J	ND < 10
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	ND < 5	NA	NA	NA	NA	NA	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	51	ND < 5
1,2-Dichlorobenzene	3	µg/L	NA	NA	NA	ND < 2	NA	NA	NA	NA	NA	ND < 2	0.84 J	ND < 2	2.4	1.3 J	370 E	ND < 2
1,3-Dichlorobenzene	3	µg/L	NA	NA	NA	ND < 2	NA	NA	NA	NA	NA	ND < 2	0.48 J	ND < 2	1.4 J	0.66 J	240 E	ND < 2
1,4-Dichlorobenzene	3	µg/L	NA	NA	NA	ND < 2	NA	NA	NA	NA	NA	ND < 2	0.58 J	ND < 2	1.5 J	0.82 J	280 E	ND < 2
2-Methylnaphthalene	NE	µg/L	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	0.06 J
Benzo(a)anthracene	0.002*	µg/L	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo(a)pyrene	0.002*	µg/L	NA	NA	NA	0.1 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	0.09 J	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo(b)fluoranthene	0.002*	µg/L	NA	NA	NA	0.14 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	0.07 J	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo(g,h,i)perylene	NE	µg/L	NA	NA	NA	0.16 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo(k)fluoranthene	0.002*	µg/L	NA	NA	NA	0.07 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Bis(2-Ethylhexyl)phthalate	5	µg/L	NA	NA	NA	1.5	NA	NA	NA	NA	NA	ND < 3	ND < 3	2.0 J	ND < 3	ND < 3	ND < 3	ND < 3
Chrysene	0.002*	µg/L	NA	NA	NA	0.07 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Dibenzo(a,h)anthracene	NE	µg/L	NA	NA	NA	0.08 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Di-n-butylphthalate	50	µg/L	NA	NA	NA	ND < 5	NA	NA	NA	NA	NA	ND < 5	ND < 5	ND < 5	9	4.6 J	ND < 5	ND < 5
Indeno(1,2,3-cd)Pyrene	0.002*	µg/L	NA	NA	NA	0.13 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Fluoranthene	50*	µg/L	NA	NA	NA	0.07 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	0.07 J	ND < 0.20
Naphthalene	10	µg/L	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	1.3	0.1 J
Phenanthrene	50*	µg/L	NA	NA	NA	ND < 0.20	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	0.10 J	ND < 0.20
Pyrene	50*	µg/L	NA	NA	NA	0.06 J	NA	NA	NA	NA	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Other Parameters																		
Dissolved Carbon	NE	mg/L	NA	NA	NA	3.0 J	NA	NA	NA	NA	NA	2.8 J	1.7 J	2.6 J	1.9 J	2.0 J	2.7 J	1.2
Nitrate	10	mg/L	NA	NA	NA	1.4	NA	NA	NA	NA	NA	2.2	0.55	2.7	0.039 J	0.025 J	1.1	0.13
Nitrite	1	mg/L	NA	NA	NA	ND < 0.05	NA	NA	NA	NA	NA	ND < 0.05	0.18	0.073	0.48	0.42	0.51	0.023 J
Sulfate	250	mg/L	NA	NA	NA	77.9	NA	NA	NA	NA	NA	92.2	230	113	24.5	24.6	18.5	43.5
Total Organic Carbon	NE	mg/L	NA	NA	NA	3.2	NA	NA	NA	NA	NA	1.3	1.7 J	2.6	2.1 J	2.0 J	2.9	0.84 J

*Guidance value only, not a standard

31.0180004.00
9/W Boices Lane (Office Depot Plaza)
Town of Ultser, Ulster County, New York

TABLE 2: Groundwater - Detected Analytical Results

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards*	Units	MW-17S	MW-18M	MW-18S	DUP 2
Date Sampled			12/8/2014	12/8/2014	12/8/2014	12/8/2014
Volatile Organic Compounds (VOCs)						
1,2-Dichlorobenzene	3	µg/L	ND < 2.5	2.0 J	ND < 100	ND < 100
1,2-Dichloroethylene	0.6	µg/L	ND < 0.5	ND < 0.5	ND < 20	ND < 20
1,3-Dichlorobenzene	3	µg/L	ND < 2.5	0.95 J	ND < 100	ND < 100
1,2,3-Trichlorobenzene	5	µg/L	ND < 2.5	ND < 2.5	ND < 100	ND < 100
1,2,4-Trichlorobenzene	5	µg/L	ND < 2.5	ND < 2.5	ND < 100	ND < 100
1,4-Dichlorobenzene	3	µg/L	ND < 2.5	1.1 J	ND < 100	ND < 100
Benzene	1	µg/L	ND < 0.5	ND < 0.5	ND < 20	ND < 20
Chlorobenzene	5	µg/L	ND < 2.5	ND < 2.5	ND < 100	ND < 100
Cis-1,2-Dichloroethylene	5	µg/L	ND < 2.5	ND < 2.5	ND < 100	ND < 100
Tetrachloroethylene (PCE)	5	µg/L	100	0.76	2,600	2,600
Trichloroethylene (TCE)	5	µg/L	ND < 0.5	ND < 0.5	ND < 20	ND < 20
Trichlorofluoromethane	5	µg/L	2.2 J	ND < 2.5	ND < 100	ND < 100
Vinyl Chloride	2	µg/L	ND < 1	ND < 1	ND < 40	ND < 40
Semivolatile Organic Compounds (SVOCs)						
1,2,4,5-Tetrachlorobenzene	5	µg/L	ND < 10	ND < 10	ND < 10	ND < 10
1,2,4-Trichlorobenzene	5	µg/L	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichlorobenzene	3	µg/L	ND < 2	1.0 J	ND < 2	ND < 2
1,3-Dichlorobenzene	3	µg/L	ND < 2	0.52 J	ND < 2	ND < 2
1,4-Dichlorobenzene	3	µg/L	ND < 2	0.54 J	ND < 2	ND < 2
2-Methylnaphthalene	NE	µg/L	ND < 0.20	0.07 J	ND < 0.20	0.06
Benzo(a)anthracene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.06 J
Benzo(a)pyrene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.08 J
Benzo(b)fluoranthene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.09 J
Benzo(g,h,i)perylene	NE	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo(k)fluoranthene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Bis(2-Ethylhexyl)phthalate	5	µg/L	ND < 3	ND < 3	ND < 3	ND < 3
Chrysene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.06 J
Dibenzo(a,h)anthracene	NE	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Di-n-butylphthalate	50	µg/L	ND < 5	ND < 5	ND < 5	ND < 5
Indeno(1,2,3-cd)Pyrene	0.002*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.14 J
Fluoranthene	50*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.07 J
Naphthalene	10	µg/L	ND < 0.20	0.12 J	ND < 0.20	0.07 J
Phenanthrene	50*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.09 J
Pyrene	50*	µg/L	ND < 0.20	ND < 0.20	ND < 0.20	0.07 J
Other Parameters						
Dissolved Carbon	NE	mg/L	0.79 J	1.9	2.7	2.8
Nitrate	10	mg/L	1.5	ND < 0.1	1.5	1.6
Nitrite	1	mg/L	ND < 0.05	ND < 0.05	0.021 J	ND < 0.05
Sulfate	250	mg/L	21.5	90	120	122
Total Organic Carbon	NE	mg/L	0.51 J	1.4	1.3	1.4

*Guidance value only, not a standard

31.0180004.00

9/W Boices Lane (Office Depot Plaza)

Town of Ultser, Ulster County, New York

TABLE 2 NOTES

Regulatory Notes:

Criteria Used: New York Department of Environmental Conservation (NYSDEC) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards

Table Notes:

Analytes only listed on table if detected in one or more groundwater samples by lab

Shaded value(s) indicate an exceedance of the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards

NA = Not Analyzed

ND = Non Detect

NE = Not Established (Groundwater criteria for analyte not established by NYSDEC)

Laboratory Notes:

Groundwater samples analyzed by York Analytical Laboratories, Inc. (Stratford, CT) in 1999 and 2005, Life Sciences Laboratories, Inc. (E. Syracuse, NY) in 2009, Paradigm Environmental Services, Inc. (Rochester, NY) in 2010, and Alpha Analytical (Westborough, MA) in 2014.

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).

E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Duplicate samples taken from MW-6 (DUP 1), MW-18S (DUP 2), and MW-16M (DUP 3) in 2014

MS/MSD analysis from MW-3, MW-11, and MW-18M in 2014

31.0180004.00

9/W Boices Lane (Office Depot Plaza)
Town of Ultser, Ulster County, New York

TABLE 3: Investigation Derived Waste (IDW) Waste Characterization Results

Sample ID	U.S. EPA TCLP Regulatory Levels	Units	Waste 1	Waste 2	Waste 3	WC DRILL WATER	WC DECON WATER
Date Sampled			9/22/2014	9/22/2014	9/22/2014	11/11/2014	11/11/2014
Volatile Organic Compounds (VOCs)							
Chloroform	6,000	µg/L	ND < 7.5	ND < 7.5	ND < 7.5	ND < 0.75	0.60 J
2-Butanone (MEK)	200,000	µg/L	ND < 50	ND < 50	ND < 50	ND < 5	15
Tetrachloroethene	700	µg/L	ND < 5	4.6 J	3.6 J	ND < 0.5	ND < 0.5
Inorganics							
Arsenic	5	mg/L	ND < 1	ND < 1	ND < 1	ND < 1	0.05 J
Barium	100	mg/L	0.40 J	0.19 J	0.28 J	ND < 0.5	0.20 J
Silver	5	mg/L	ND < 0.1	ND < 0.1	ND < 0.1	0.02 J	0.04 J
Other							
Flashpoint	<140 is Ignitable	°F	>140	>140	>140	>150	>150
pH	≤ 2 & ≥ 12.5	pH	7.9	7.8	7.4	7.8	11.7

Notes:

Only detected compounds listed on this table.

Soil samples analyzed by Alpha Analytical (Westborough, Massachusetts)

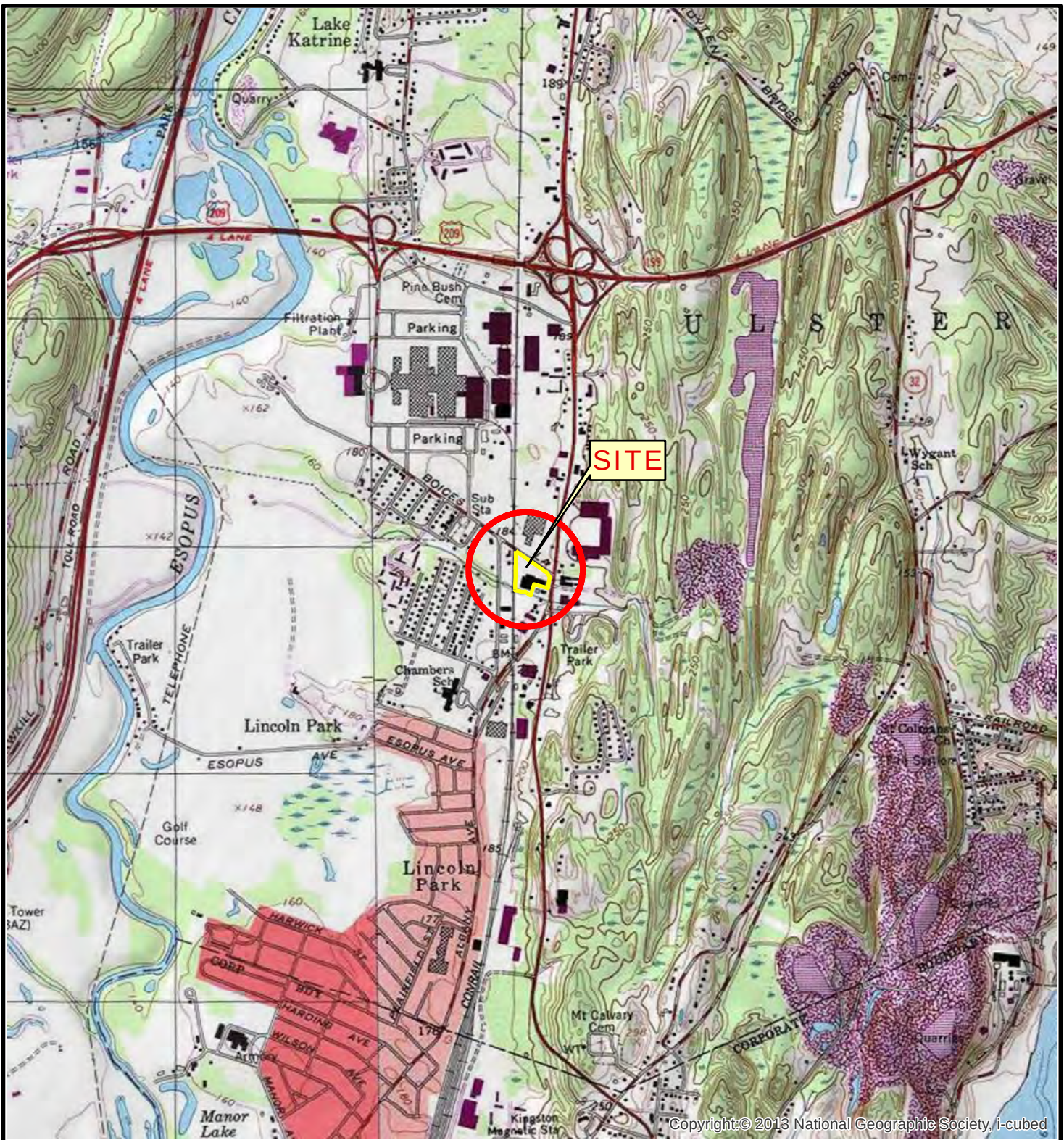
J = Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

U.S. EPA = United States Environmental Protection Agency
TCLP = Toxicity Characteristic Leaching Procedure

The Toxicity Characteristic Leaching Procedure (TCLP) is designed to determine the mobility of both organic and inorganic analytes present in liquid, solid, and multiphasic wastes. This was used to determine if waste meets the definition of EP Toxicity, carrying a hazardous waste code under RCRA (40 CFR Part 261) of D004 through D052. (Source: U.S. EPA)

IDW from Office Depot soil and groundwater sampling was not hazardous and was removed for disposal by EPS of Vermont on 12/16/2014

FIGURES



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SOURCE : THIS MAP CONTAINS THE ESRI ARCGIS ONLINE WORLD TOPOGRAPHIC MAP SERVICE, PUBLISHED FEBRUARY 2011 BY ESRI ARCMIS SERVICES. THE SERVICE WAS COMPILED TO UNIFORM CARTOGRAPHY USING A VARIETY OF BEST AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

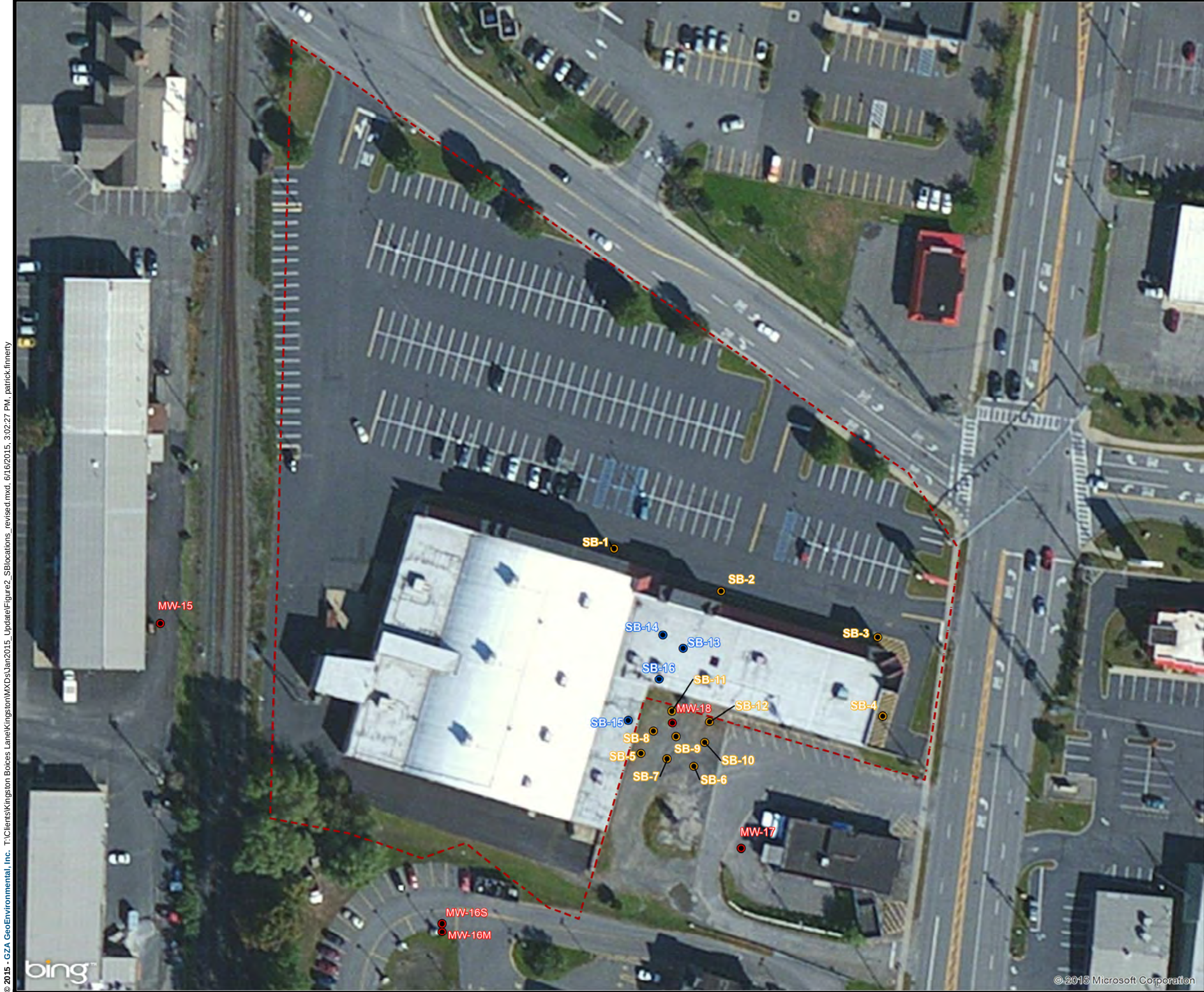
Data Supplied by :



0 1,000 2,000 4,000 6,000
1:24,000 | 1 INCH = 2,000 FEET



PROJ MGR: BFH	REVIEWED BY: MJZ	ROUTE 9W BOICES LANE KINGSTON, NEW YORK 12401	JOB NO. 31.0180004.00
DESIGNED BY: MJZ	DRAWN BY: PCF		FIGURE NO. 1
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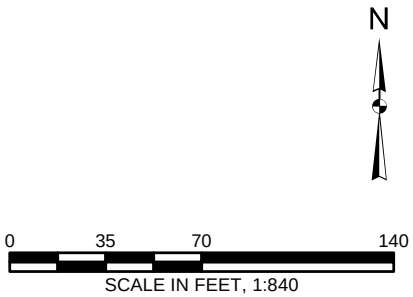
LEGEND

- EXTERIOR SOIL BORING IN MW (GZA - 2014)
- EXTERIOR SOIL BORING (GZA - 2014)
- INTERIOR SOIL BORING (GZA - 2014)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

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2) ALL EXTERIOR SOIL BORING LOCATIONS WERE TAKEN USING A HIGH-ACCURACY GPS UNIT. INTERIOR SOIL BORING POSITIONS WERE DETERMINED BY MEASURING TAPE. ALL FEATURES SHOULD BE CONSIDERED APPROXIMATE.

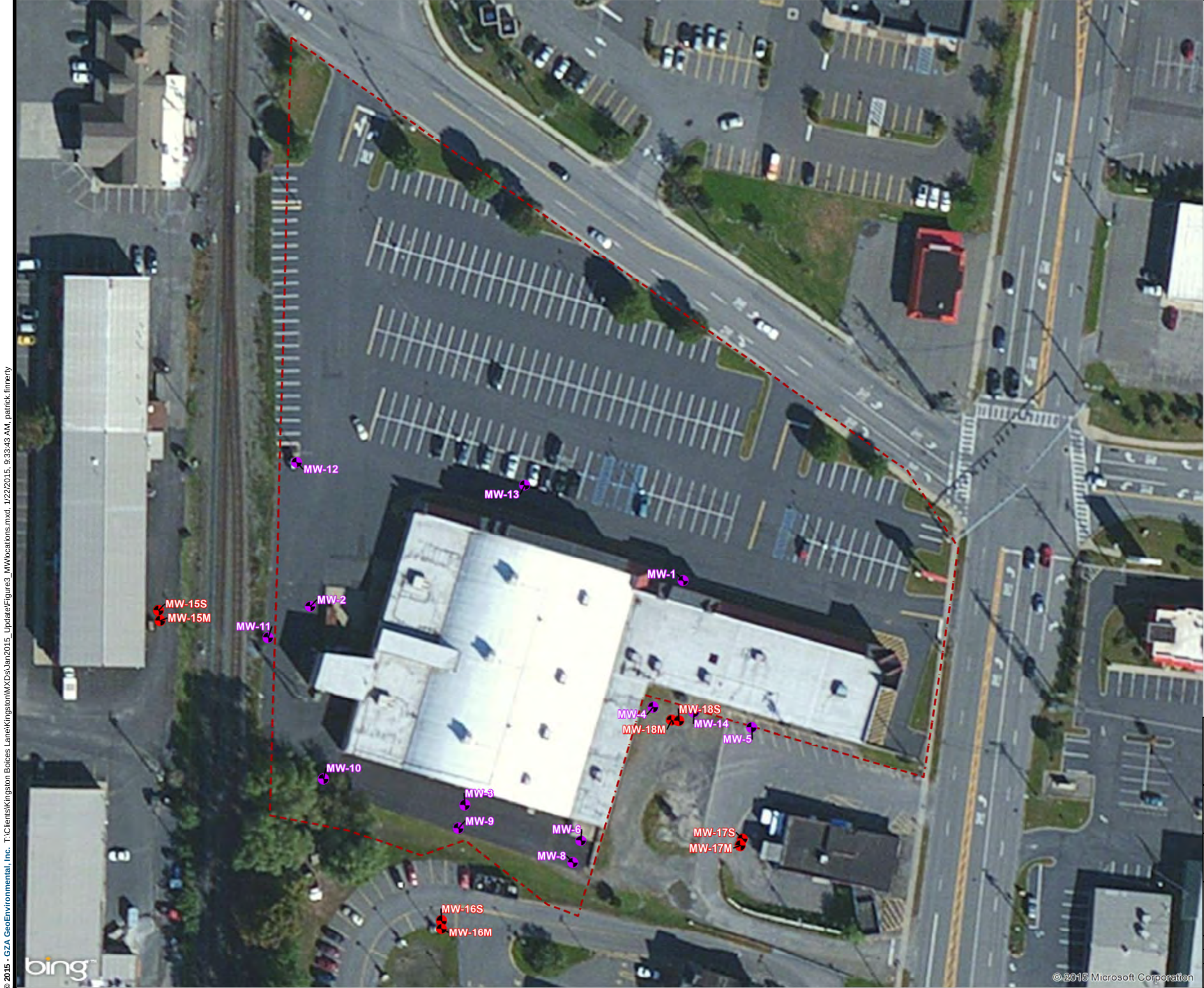


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ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

2014 REMEDIAL INVESTIGATION SOIL BORINGS

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PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP	FIGURE 2	
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 70 ft		
DATE: JUNE 2015	PROJECT NO. 31.0180004.00	REVISION NO.		



LEGEND

- MONITORING WELL - INSTALLED 2014
- MONITORING WELL - INSTALLED PRE-2014
- APPROXIMATE PROPERTY BOUNDARY

NOTES

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- 2) ALL MONITORING WELL LOCATIONS WERE TAKEN USING A HIGH-ACCURACY GPS UNIT. ALL FEATURES SHOULD BE CONSIDERED APPROXIMATE.



0 35 70 140
SCALE IN FEET, 1:840

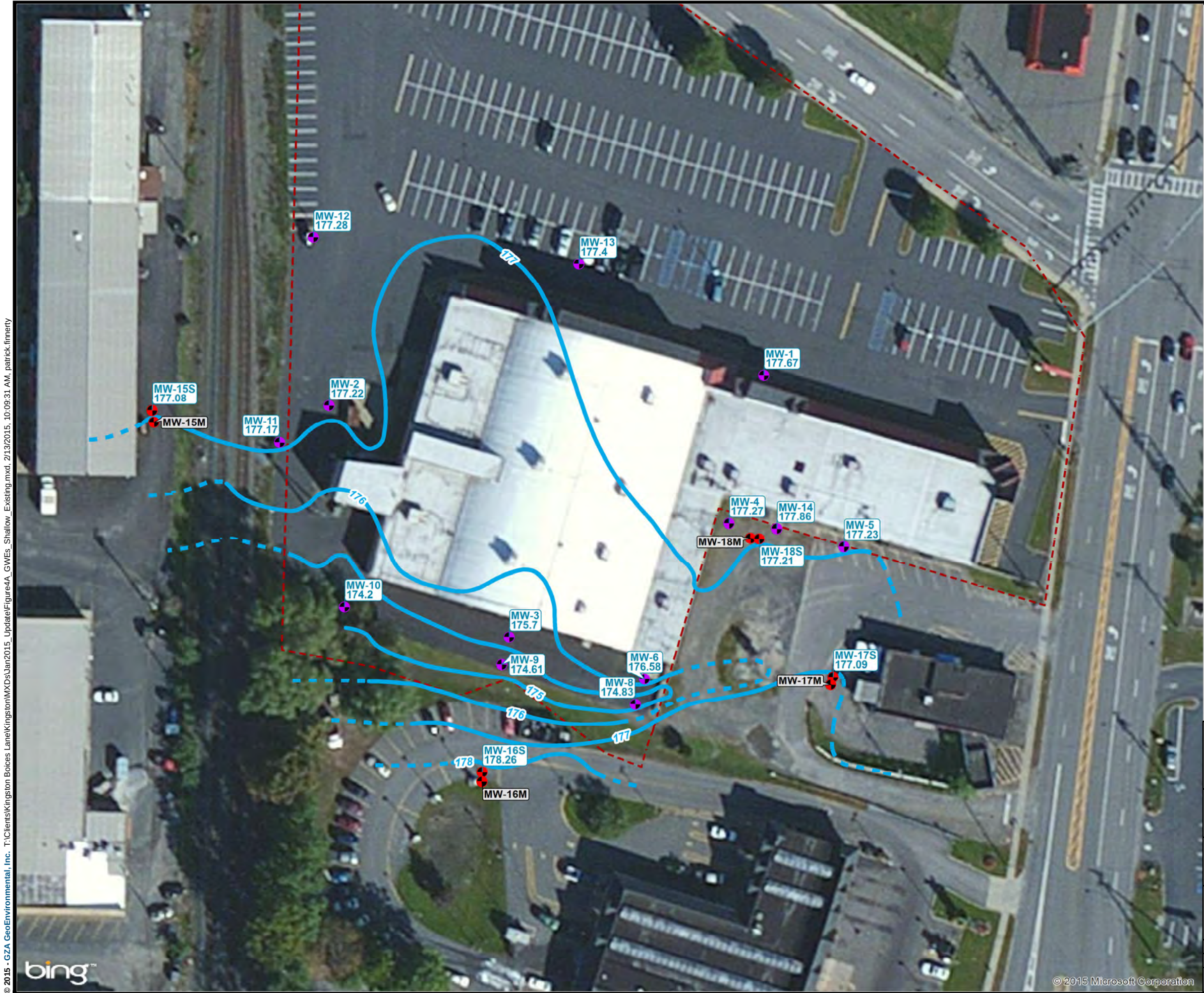
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ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

MONITORING WELLS (EXISTING & NEWLY INSTALLED)

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PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP	FIGURE 3	
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 70 ft		
DATE: JANUARY 2015	PROJECT NO. 31.0180004.00	REVISION NO.		

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LEGEND

- MONITORING WELL - INSTALLED 2014
- MONITORING WELL - INSTALLED PRE-2014

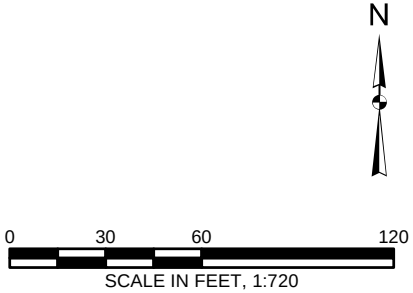
APPROXIMATE PROPERTY BOUNDARY

EXISTING & SHALLOW WELLS - GROUNDWATER CONTOUR

- KNOWN
- INFERRED
- GROUNDWATER ELEVATION (FT) - SHALLOW WELL
- INTERMEDIATE WELL - NOT INCLUDED

NOTES

- THIS MAP CONTAINS THE ESRI ARCGIS ONLINE BING MAPS AERIAL LAYER PACKAGE, PUBLISHED DECEMBER 1, 2010 BY ESRI ARCGIS SERVICES AND UPDATED MONTHLY. THIS SERVICE USES UNIFORM NATIONALLY RECOGNIZED DATUM AND CARTOGRAPHY STANDARDS AND A VARIETY OF AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.
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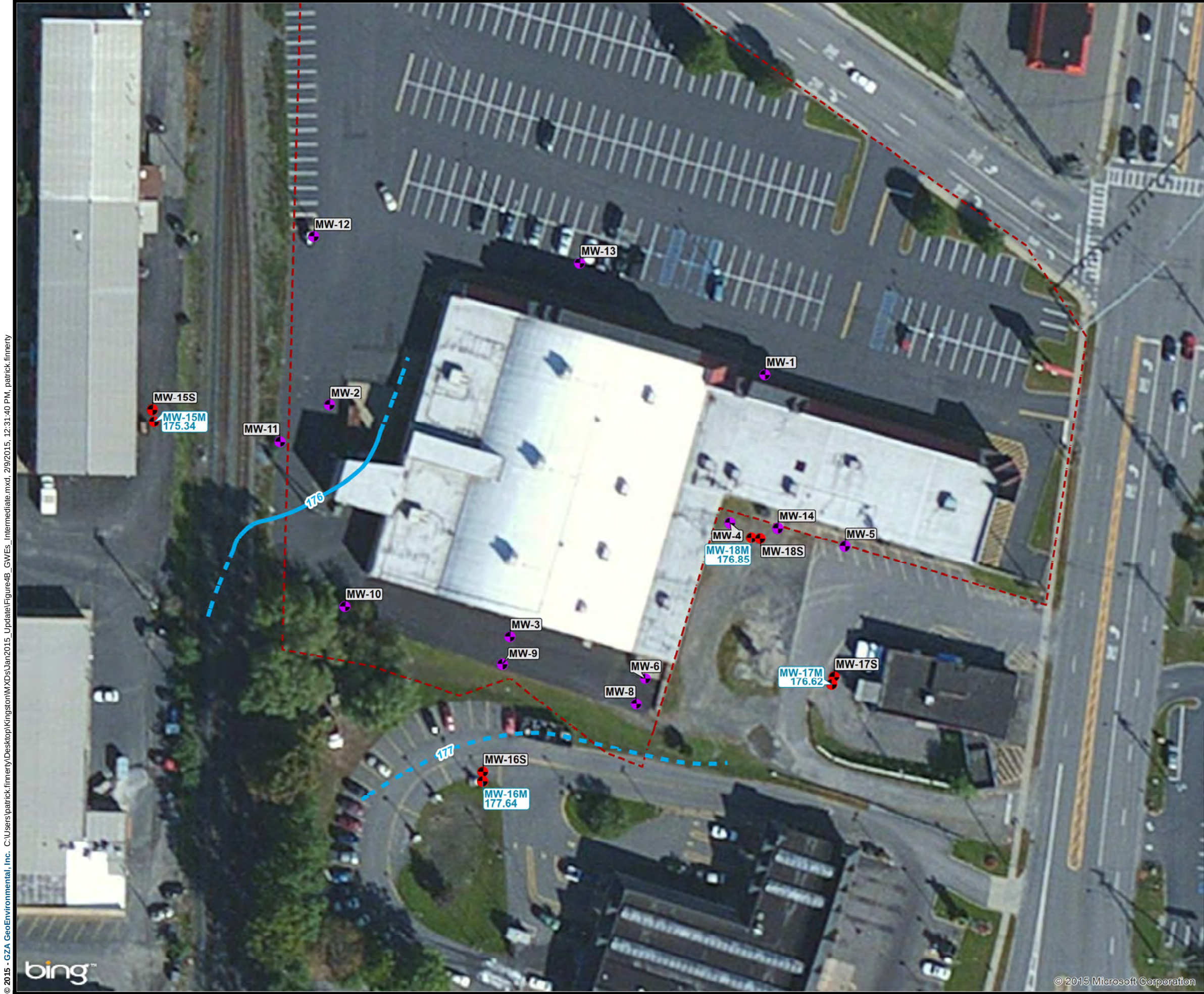
ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

WATER TABLE ELEVATION CONTOUR MAP
EXISTING & NEW SHALLOW WELLS - DECEMBER 8, 2014

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PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 60 ft
DATE: FEBRUARY 2015	PROJECT NO. 31.0180004.00	REVISION NO.

FIGURE
4A



LEGEND

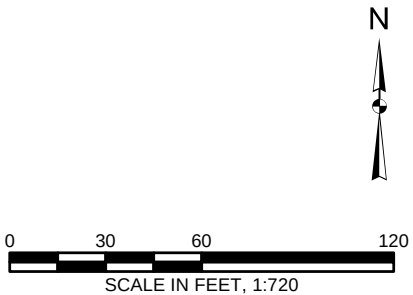
- MONITORING WELL - INSTALLED 2014
- MONITORING WELL - INSTALLED PRE-2014
- APPROXIMATE PROPERTY BOUNDARY

INTERMEDIATE GROUNDWATER CONTOUR

- KNOWN
- INFERRED
- 176.85 GROUNDWATER ELEVATION (FT) - INTERMEDIATE WELL

NOTES

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- ALL MONITORING WELL LOCATIONS WERE TAKEN USING A HIGH-ACCURACY GPS UNIT. ALL FEATURES SHOULD BE CONSIDERED APPROXIMATE.



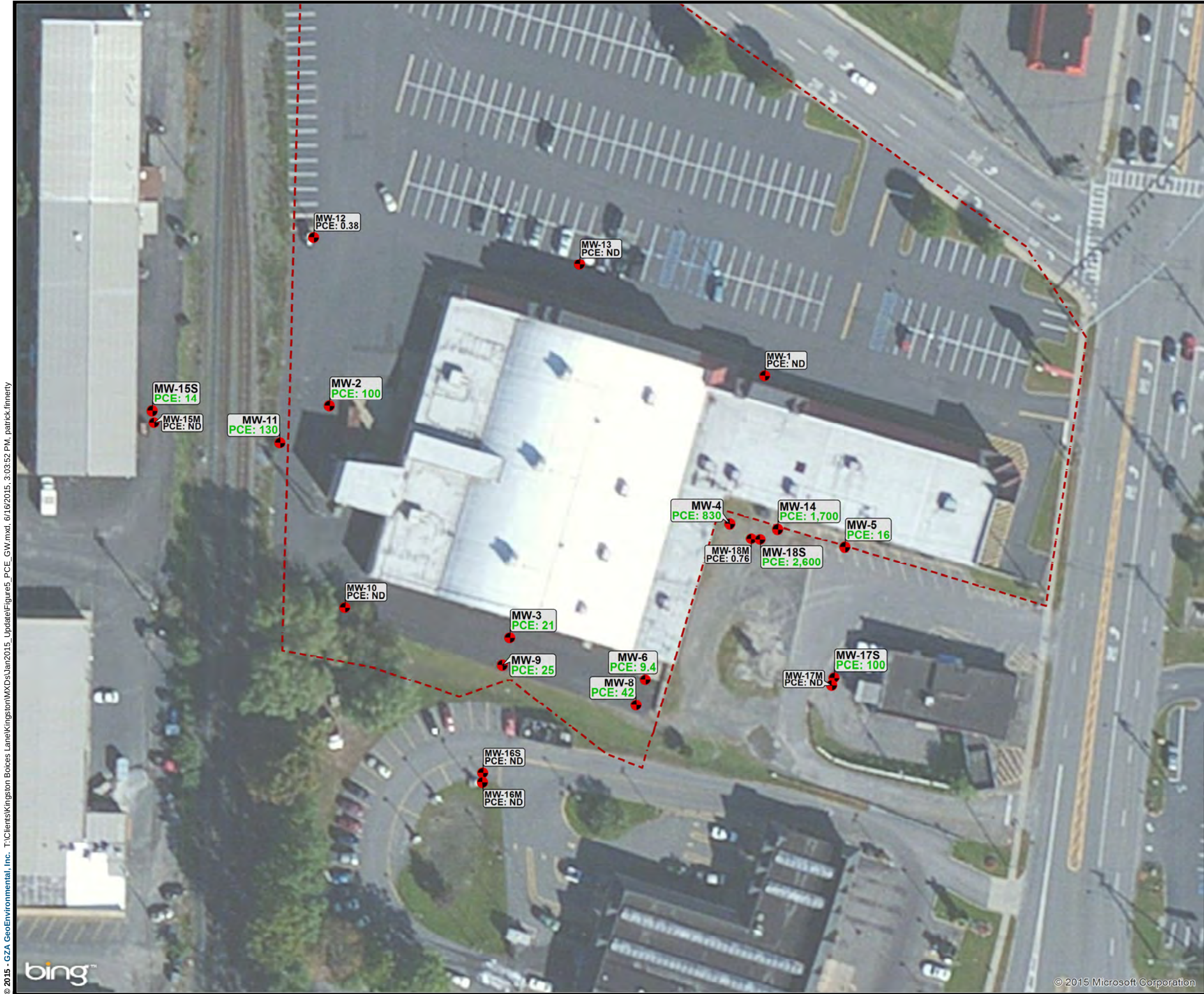
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ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

WATER TABLE ELEVATION CONTOUR MAP NEW INTERMEDIATE WELLS - DECEMBER 8, 2014

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PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP	FIGURE 4B	
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 60 ft		
DATE: FEBRUARY 2015	PROJECT NO. 31.0180004.00	REVISION NO.		

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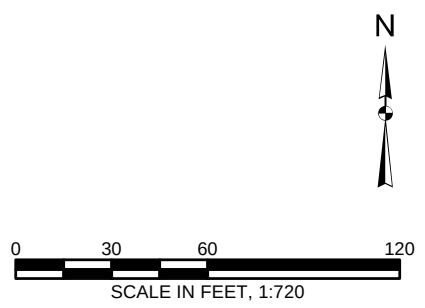


LEGEND

- MONITORING WELL
- - - - - APPROXIMATE PROPERTY BOUNDARY
- 100 ABOVE STANDARD - TETRACHLOROETHYLENE (PCE) CONCENTRATION (µG/L)
- ND BELOW STANDARD - TETRACHLOROETHYLENE (PCE) CONCENTRATION (µG/L)

NOTES

- 1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE BING MAPS AERIAL LAYER PACKAGE, PUBLISHED DECEMBER 1, 2010 BY ESRI ARCIMS SERVICES AND UPDATED MONTHLY. THIS SERVICE USES UNIFORM NATIONALLY RECOGNIZED DATUM AND CARTOGRAPHY STANDARDS AND A VARIETY OF AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.
- 2) ALL MONITORING WELL LOCATIONS WERE TAKEN USING A HIGH-ACCURACY GPS UNIT. ALL FEATURES SHOULD BE CONSIDERED APPROXIMATE.
- 3) NYSDEC TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS (GUIDANCE VALUES) FOR TETRACHLOROETHYLENE (PCE) IS 5 µG/L.



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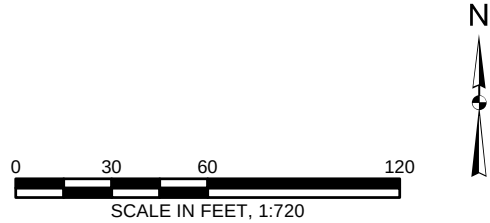
ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

TETRACHLOROETHYLENE (PCE) CONCENTRATIONS IN
GROUNDWATER - DECEMBER 8 & 9, 2014

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PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP	FIGURE 5	
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 60 ft		
DATE: JUNE 2015	PROJECT NO. 31.0180004.00	REVISION NO.		



© 2015 - GZA GeoEnvironmental, Inc. T:\Clients\Kingston Boices Lane\KingstonMXDs\Jan2015_Update\Figure6_PCE_Soils1.mxd, 6/16/2015, 3:04:48 PM, patrick.finnerty



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ROUTE 9W BOICES LANE
KINGSTON, NEW YORK 12401

**TETRACHLOROETHYLENE (PCE) CONCENTRATIONS IN
SOIL - SEPTEMBER & NOVEMBER 2014**

PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: ROUTE 9W BOICES LANE, LLC 84 BUSINESS PARK DRIVE SUITE 208 ARMONK, NY 10504

PROJ MGR: BFH	REVIEWED BY: MJZ	CHECKED BY: DLP	FIGURE 6
DESIGNED BY: MJZ	DRAWN BY: PCF	SCALE: 1 in = 60 ft	
DATE: JUNE 2015	PROJECT NO. 31.0180004.00	REVISION NO.	

APPENDIX A
LIMITATIONS



GEOHYDROLOGICAL LIMITATIONS

Use of Report

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

Standard of Care

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).
3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.
4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

Subsurface Conditions

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs.

6. Water level readings have been made in test holes (as described in the Report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

Compliance with Codes and Regulations

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

Screening and Analytical Testing

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.
9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.
10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

Interpretation of Data

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

Additional Information

12. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes

in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

APPENDIX B
SOIL BORING LOGS

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Outside North (Front) Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/16/2014		END		9/16/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck-Mounted LME-75 HAS Rig							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 24" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Hollow Stem Auger			
NA		NA		NA		NA		BORING COORDINATES				N 41.9624073522 E -73.991152538			
NA		NA		NA		NA									

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-2	0	6" Asphalt. No Recovery.		0.1
2						
3	S-2	2-4	83	(NATIVE) Brown, fine SAND, little Silt.		ND
4						
5	S-3	4-6	100	(NATIVE) Brown, fine SAND and Silt. (NATIVE) Brown, fine SAND, trace Silt.	Lab sample from 4-8 ft interval	ND
6						
7	S-4	6-8	100	(NATIVE) Brown, fine SAND, trace Silt.		ND
8						
9	S-5	8-10	75	(NATIVE) Brown, fine SAND, little Silt, wet. (NATIVE) Brown, fine-medium SAND, little Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	ND
10						
11	S-6	10-12	75	(NATIVE) Brown to dark gray, medium SAND, little Silt, wet.		ND
12				(NATIVE) Brown, Clayey SILT, wet.		
13	S-7	12-14	100	(NATIVE) Brown, medium SAND, little Silt, wet. (NATIVE) Brown, SILT, wet.		ND
14						
15	S-8	14-16	71	(NATIVE) Gray-brown, Clayey SILT, wet. (NATIVE) Gray-brown, Clayey SILT, wet. 2" seam of medium Sand.		ND
16						
17	S-9	16-18	100	(NATIVE) Brown, medium SAND, little Silt, wet.		ND
18				(NATIVE) Gray-brown, Clayey SILT, wet.		
19	S-10	18-20	50	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
20						

General Notes:

- 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
- 2) Water level readings have been made at times and under conditions stated, groundwater fluctuations may occur due to other factors than those present at the time measurements were made.
- 3) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:

EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Outside North (Front) Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/16/2014		END		9/16/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9624073522 E -73.991152538	
NA	NA	NA	NA				

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
21	S-11	20-22	92	(NATIVE) Gray-brown, Clayey SILT, wet.		0.1
22						
23	S-12	22-24	100	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
24						
25	S-13	24-26	75	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
26						
27	S-14	26-28	100	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
28						
29	S-15	28-30	83	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
30						
31	S-16	30-32	71	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
32						
33	S-17	32-34	71	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
34						
35	S-18	34-36	71	(NATIVE) Gray SILT, wet.		ND
36				(NATIVE) Gray-brown, Clayey SILT, wet.		
37	S-19	36-38	100	(NATIVE) Gray SILT, wet.		ND
38						
39	S-20	38-40	100	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
40						

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CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Outside North (Front) Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/16/2014		END		9/16/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9624073522 E -73.991152538	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
41				(NATIVE) Gray-reddish brown, Clayey SILT, wet.		ND
42						
43						
44						
45						
	S-21	45-47	100			
46						
47						
48						
49						
50				(NATIVE) Gray-reddish brown, Clayey SILT, wet.		ND
51						
52						
	S-22	52-54	100			
53						
54						
	S-23	54-56	100			
55						
56						
57						
58				EOE at 57 ft bgs (no bedrock or refusal encountered)		
59						
60						

General Notes:

1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.

2) Water level readings have been made at times and under conditions stated, groundwater fluctuations may occur due to other factors than those present at the time measurements were made.

3) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:

EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Parratt-Wolff		BORING LOCATION		North (Front) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/10/2014		END		11/10/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Direct Push			
NA		NA		NA		NA		BORING COORDINATES				N 41.9623213301 E -73.9908690588			
NA		NA		NA		NA									

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	63	6" Asphalt.	Lab sample from 4-8 ft interval	ND
2				(NATIVE) Red-brown, fine SAND, trace Silt.		
3				(NATIVE) Red-brown and gray, fine SAND, little Silt.		
4						
5	S-2	4-8	65	(NATIVE) Red-brown and gray, fine SAND, little Silt.	Soil wet at 8 ft bgs. Possible GW.	ND
6				(NATIVE) Red-brown, fine SAND, some Silt.		
7						
8						
9	S-3	8-12	63	(NATIVE) Red-brown and gray, fine SAND, little Silt, wet.		ND
10				(NATIVE) Red-brown, SILT, trace fine Sand, wet.		
11						
12						
13	S-4	12-16	44	(NATIVE) Red-brown, SILT, trace fine Sand, wet.		ND
14				(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		
15						
16						
17				EOE at 16 ft bgs (no bedrock or refusal encountered)		
18						
19						
20						

General Notes:

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- 2) Water level readings have been made at times and under conditions stated, groundwater fluctuations may occur due to other factors than those present at the time measurements were made.
- 3) GZA obtained boring coordinate data with the use of a high-accuracy Trimble® Global Positioning (GPS) unit.
- 4) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Parratt-Wolff		BORING LOCATION		Northeast of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/10/2014		END		11/10/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9622277904 E -73.9904542292	
NA	NA	NA	NA				

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	63	6" Asphalt. ----- (NATIVE) Red-brown, fine SAND, some Silt. (NATIVE) Red-brown and Gray, fine to medium SAND, little Silt.	Lab sample from 4-8 ft interval	ND
2						
3						
4						
5	S-2	4-8	54	(NATIVE) Red-brown, fine SAND, little Silt.	Soil wet at 9 ft bgs. Possible GW.	ND
6						
7						
8						
9	S-3	8-12	54	(NATIVE) Red-brown, fine SAND, little Silt. 1" seam of dark gray, medium SAND and Gravel at 12.75 ft bgs. (NATIVE) Red-brown, fine SAND, little Silt, wet. ----- (NATIVE) Red-brown, SILT, trace Sand, wet.		ND
10						
11						
12						
13	S-4	12-16	92	(NATIVE) Red-brown, SILT, trace Sand, wet.		ND
14						
15				(NATIVE) Gray-brown, Clayey SILT, trace SAND, wet. ----- (NATIVE) Gray-brown, Clayey SILT, wet.		
16						
17				EOE at 16 ft bgs (no bedrock or refusal encountered)		
18						
19						
20						

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Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Parratt-Wolff		BORING LOCATION		East of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/10/2014		END		11/10/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620720936 E -73.9904420716	
NA	NA	NA	NA				

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	75	9" Asphalt. ----- (NATIVE) Red-brown, fine SAND, trace Silt.	Lab sample from 4-8 ft interval	ND
2						
3						
4						
5	S-2	4-8	58	(NATIVE) Red-brown and gray, fine SAND, little Silt. (NATIVE) Red-brown and gray, fine to medium SAND, little Silt.	Soil wet at 8 ft bgs. Possible GW.	ND
6				(NATIVE) Red-brown and gray, fine SAND, little Silt.		
7						
8						
9	S-3	8-12	69	(NATIVE) Brown, fine to medium SAND, trace Silt, wet. (NATIVE) Brown, fine SAND, some Silt, wet.		ND
10						
11				(NATIVE) Brown, Clayey SILT, wet. -----		
12						
13	S-4	12-16	83	(NATIVE) Brown, SILT, wet. -----		ND
14				(NATIVE) Gray-brown, Clayey SILT, wet. -----		
15						
16				EOE at 16 ft bgs (no bedrock or refusal encountered)		
17						
18						
19						
20						

General Notes:

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Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck-Mounted LME-75 HAS Rig			
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH				2" (O.D.) and 24" (Length)			
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD				Hollow Stem Auger			
NA	NA	NA	NA	BORING COORDINATES				N 41.9620007053 E -73.9910847257			
NA	NA	NA	NA								

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-2	75	Grass, rootlets, and dark brown, topsoil. (FILL) Brown, fine SAND, little Silt.		0.6
2						
3	S-2	2-4	96	(FILL) Red-brown, fine SAND, little Silt, little fine Gravel.		0.3
4						
5	S-3	4-6	83	(FILL) Gray-black, fine to medium SAND and Gravel. (NATIVE) Brown, fine SAND, little Silt.		ND
6						
7	S-4	6-8	88	(NATIVE) Brown, fine to medium SAND, trace Silt, moist.		ND
8						
9	S-5	8-10	46	(NATIVE) Brown, fine to medium SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW. Lab sample from 8-10 ft interval	ND
10						
11	S-6	10-12	75	(NATIVE) Brown, fine to medium SAND, some Silt, wet.		2.9
12						
13	S-7	12-14	100	(NATIVE) Brown, fine to medium SAND, some Silt, wet. (NATIVE) Gray-Brown, fine SAND and Silt, wet.		6.2
14						
15	S-8	14-16	54	(NATIVE) Brown, SILT, wet. (NATIVE) Gray-brown, Clayey SILT, wet.		3.6
16						
17	S-9	16-18	92	(NATIVE) Gray-brown, Clayey SILT, wet.	Lab sample from 16-18 ft interval	3.9
18						
19	S-10	18-20	63	(NATIVE) Gray-brown, Clayey SILT, wet.		3.7
20						

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EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620007053 E -73.9910847257	
NA	NA	NA	NA				

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace
	Sample Number	DEPTH (FT)	RECOVERY (%)			PID
						(ppm)
21	S-11	20-22	58	(NATIVE) Brown, SILT, wet.		5.3
				(NATIVE) Gray-brown, Clayey SILT, wet.		
22						
23	S-12	22-24	50	(NATIVE) Gray-brown, Clayey SILT, wet.		5.1
24						
25	S-13	24-26	50	(NATIVE) Gray-brown, Clayey SILT, wet.		4.8
26						
27	S-14	26-28	92	(NATIVE) Gray-brown, Clayey SILT, wet.		4.1
28						
29	S-15	28-30	92	(NATIVE) Gray-brown, Clayey SILT, wet.		3.5
30						
31	S-16	30-32	92	(NATIVE) Gray-brown, Clayey SILT, wet.		4.7
32						
33						
34						
35						
36	S-17	35-37	92	(NATIVE) Gray-brown, Clayey SILT, wet.		2.7
37						
38						
39						
40						

General Notes:

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CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620007053 E -73.9910847257	
NA	NA	NA	NA				

DEPTH T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-18	40-42	92			
	S-19	45-47	92			
41				(NATIVE) Gray-brown, Clayey SILT, wet.		1.5
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
	S-20	50-52	83	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
	S-21	55-57	100	(NATIVE) Gray-brown, Clayey SILT, wet.		ND

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Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck-Mounted LME-75 HAS Rig							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 24" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Hollow Stem Auger			
NA		NA		NA		NA		BORING COORDINATES				N 41.9620007053 E -73.9910847257			
NA		NA		NA		NA									

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-22	60-62	100			
	S-23	65-67	100			
61				(NATIVE) Gray-brown, Clayey SILT, wet.		ND
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						

General Notes:						
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CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck-Mounted LME-75 HAS Rig							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 24" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Hollow Stem Auger			
NA		NA		NA		NA		BORING COORDINATES				N 41.9620007053 E -73.9910847257			
NA		NA		NA		NA									

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-26	80-82	96			
	S-27	85-87	96			
81				(NATIVE) Gray-brown, Clayey SILT, wet.		ND
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

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CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/17/2014		END		9/19/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620007053 E -73.9910847257	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
101	S-30	100-102	96	(NATIVE) Gray-brown, Clayey SILT, trace red-brown clay lenses, wet.		ND
102						
103						
104						
105						
106	S-31	105-107	96			
107						
108						
109						
110						
111	S-32	110-112	83	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
112						
113						
114						
115						
116						
117						
118						
119						
120						
				EOE at 115 ft bgs (no bedrock or refusal encountered)		

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CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Brian Lyon		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/22/2014		END		9/22/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck-Mounted LME-75 HAS Rig	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 24" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Hollow Stem Auger	
NA	NA	NA	NA	BORING COORDINATES		N 41.9619751456 E -73.9909445756	
NA	NA	NA	NA				

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-2	79	6" Dark brown, topsoil.		0.1
				(NATIVE) Red brown, fine SAND, little Silt.		
2						
3	S-2	2-4	71	(NATIVE) Brown, fine SAND, little Silt.	Lab sample from 4-8 ft interval	ND
4						
5	S-3	4-6	46	(NATIVE) Brown, fine SAND, little Silt.		ND
6					Soil wet at 8 ft bgs. Possible GW.	
7	S-4	6-8	63	(NATIVE) Brown, fine SAND, little Silt.		ND
8						
9	S-5	8-10	42	(NATIVE) Brown, fine SAND, some Silt, wet.		ND
10						
11	S-6	10-12	100	(NATIVE) Brown, fine SAND, some Silt, wet		ND
12				(NATIVE) Gray-brown, Clayey SILT, wet		
13	S-7	12-14	100	(NATIVE) Brown, fine to medium SAND, some Silt, wet.		ND
14				(NATIVE) Brown, SILT, wet.		
15	S-8	14-16	50	(NATIVE) Gray-brown, Clayey SILT, wet. 2" seam of Brown, fine SAND, some Silt, wet.		ND
16						
17	S-9	16-18	100	(NATIVE) Brown SAND and Silt, wet.		ND
18				(NATIVE) Gray-brown, Clayey SILT, wet.		
19	S-10	18-20	75	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
20						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9619896981 E -73.9910150961	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	54	(FILL) Dark brown, topsoil, some fine Gravel.		
2				(NATIVE) Red-brown, fine SAND, little Silt.		
3				(NATIVE) Red-brown, fine to medium SAND, some Silt.		ND
4						
5	S-2	4-8	48	(NATIVE) Red-brown, fine to medium SAND, little Silt.		
6						
7				(NATIVE) Red-brown and gray, fine SAND, some Silt, moist.		ND
8						
9	S-3	8-12	65	(NATIVE) Red-brown and gray, fine to medium SAND, some Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	
10						32
11						
12	S-4	12-16	90	(NATIVE) Red-brown, Clayey SILT, trace Sand, wet.	Lab sample from 12-16 ft interval	
13						64.2
14						
15				(NATIVE) Gray-brown, Clayey SILT, wet.		
16						
17	S-5	16-20	98	(NATIVE) Gray-brown, Clayey SILT, wet.		
18						ND
19						
20				EOE at 20 ft bgs (no bedrock or refusal encountered)		

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Direct Push			
NA		NA		NA		NA		BORING COORDINATES				N 41.962045144 E -73.9910510974			
NA		NA		NA		NA									

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	73	(FILL) Dark brown, topsoil, some fine Gravel. (NATIVE) Red-brown and gray, fine SAND, little Silt.		0.1
2						
3				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
4						
5	S-2	4-8	73	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt. (NATIVE) Red-brown and gray, fine SAND, trace Silt.		
6						
7						
8						
9	S-3	8-12	71	(NATIVE) Red-brown and gray, fine SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	0.3
10						
11						
12						
13	S-4	12-16	94	(NATIVE) Red-brown and gray, fine SAND, trace Silt, wet.	Lab sample from 12-16 ft interval	67.2
14						
15				(NATIVE) Red-brown, Clayey SILT, trace fine Sand, wet.		
16						
17	S-5	16-20	100	(NATIVE) Gray-brown, Clayey SILT wet. (NATIVE) Gray-brown, Clayey SILT wet.		0.3
18						
19						
20				EOE at 20 ft bgs (no bedrock or refusal encountered)		

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620340002 E -73.9909912817	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	52	(FILL) Dark brown, topsoil, some fine Gravel. (NATIVE) Red-brown, fine SAND, little Silt.	Soil wet at 8 ft bgs. Possible GW.	ND
2				(NATIVE) Red-brown, fine to medium SAND, trace Silt.		
3						
4						
5	S-2	4-8	75	(NATIVE) Red-brown, fine to medium SAND, trace Silt.		
6						
7						
8						
9	S-3	8-12	83	(NATIVE) Red-brown, fine to medium SAND, trace Silt, wet.		
10				(NATIVE) Red-brown, fine SAND, little Silt, wet.		
11				(NATIVE) Red-brown, fine SAND, trace Silt, wet.		
12						
13	S-4	12-16	79	(NATIVE) Brown, Clayey SILT. (NATIVE) Red-brown, fine SAND, trace Silt.	Lab sample from 12-16 ft interval	49.2 0.5
14				(NATIVE) Brown, Clayey SILT, wet. (NATIVE) Gray-brown, Clayey SILT, wet.		
15						
16						
17				EOE at 16 ft bgs (no bedrock or refusal encountered)		
18						
19						
20						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Direct Push			
NA		NA		NA		NA		BORING COORDINATES				N 41.962022260 E -73.9909152895			
NA		NA		NA		NA									

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	60	(FILL) Dark brown, topsoil, some fine Gravel. (NATIVE) Red-brown, fine SAND, little Silt.		
2				(NATIVE) Red-brown and gray, fine SAND, trace Silt.		3
3						
4						
5	S-2	4-8	58	(NATIVE) Red-brown and gray, fine SAND, trace Silt.		3.9
6						
7						
8						
9	S-3	8-12	58	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	5.2
10						
11						
12						
13	S-4	12-16	50	(NATIVE) Red-brown and gray, fine SAND, trace Silt, wet.	Lab sample from 12-16 ft interval	5.9
14				(NATIVE) Brown, Clayey SILT, trace SAND, wet. (NATIVE) Gray-brown, Clayey SILT, wet.		
15						
16						
17	S-5	16-20	100	(NATIVE) Gray-brown, Clayey SILT, wet.		ND
18						
19						
20				EOE at 20 ft bgs (no bedrock or refusal encountered)		

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620841517 E-73.9910018933	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	79	(FILL) Dark brown, topsoil, some fine Gravel.		5
2				(NATIVE) Red-brown, fine SAND, little Silt.		
3				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
4						
5	S-2	4-8	81	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		4.5
6						
7						
8						
9	S-3	8-12	63	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	8.7
10				(NATIVE) Red-brown and gray, fine to medium SAND, little Silt, wet.		
11						
12						
13	S-4	12-16	88	(NATIVE) Red-brown, fine to medium SAND, little Silt, wet.	Lab sample from 12-16 ft interval	82.4
14				(NATIVE) Red-brown, fine SAND, some Silt, wet.		
15				(NATIVE) Red-brown, Clayey SILT, trace fine Sand.		
16				(NATIVE) Gray-brown, Clayey SILT, wet.		
17	S-5	16-20	96	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		ND
18						
19						
20				EOE at 20 ft bgs (no bedrock or refusal encountered)		

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9620630337 E -73.9909019661	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	75	(FILL) Dark brown, topsoil, some fine Gravel.		
2				(NATIVE) Red-brown, fine SAND, little Silt.		
3				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		4
4						
5	S-2	4-8	75	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
6						4.5
7				1" Seam of Red-brown and gray, medium SAND, trace Silt.		
8						
9	S-3	8-12	79	(NATIVE) Red-brown and gray, fine to medium SAND, little Silt, wet.	Soil wet at 8 ft bgs. Possible GW.	
10				(NATIVE) Red-brown and gray, fine SAND, little Silt, wet.		6.4
11						
12						
13	S-4	12-16	69	(NATIVE) Red-brown and gray, fine SAND, little Silt, wet. 1" Seam of Brown, coarse SAND, trace Silt, trace Gravel, wet at 12.5 ft bgs.	Lab sample from 12-16 ft interval	
14				(NATIVE) Red-brown, Clayey SILT, wet with 4" layer of Red-brown, SILT, trace fine Sand, wet.		20.3
15				(NATIVE) Gray-brown, Clayey SILT, wet.		
16						
17	S-5	16-20	96	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		
18						ND
19						
20				EOE at 20 ft bgs (no bedrock or refusal encountered)		

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- 4) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Inside Front East Former Dry Cleaner	
DRILLER		Scott P.		GROUND SURFACE ELEVATION		NM DATUM	
START		9/22/2014		END		9/22/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Geoprobe 420M	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 36" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		Inside Building (No Coordinates)	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-3	81	6" Concrete slab. (FILL) Gray, fine to coarse SAND, some Gravel.		1.1
2				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
3						
4	S-2	3-6	86	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		1.4
5				(NATIVE) Gray-brown, fine to medium SAND, trace Silt.		
6						
7	S-3	6-9	94	(NATIVE) Gray-brown, fine to medium SAND, trace Silt.	Lab sample from 6-9 ft interval	1.3
8				(NATIVE) Gray-brown, fine to medium SAND, trace Silt, moist.		
9						
10	S-4	9-12	96	(NATIVE) Gray-brown, fine to medium SAND, trace Silt, wet.	Soil wet at 8.6 ft bgs. Possible GW.	1.0
11						
12						
13	S-5	12-15	97	(NATIVE) Gray-brown, fine to medium SAND, trace Silt, wet.		1.6
14				(NATIVE) Gray-brown, Clayey SILT, wet.		
15						
16				EOE at 15 ft bgs (no bedrock or refusal encountered)		ND
17						
18						
19						
20						

General Notes:

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- 3) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Inside Front West Former Dry Cleaner	
DRILLER		Scott P.		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		9/22/2014		END		9/22/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Geoprobe 420M	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 36" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		Inside Building (No Coordinates)	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-3	86	6" Concrete slab.	Lab sample from 6-9 ft interval	1.4
2				(NATIVE) Brown-gray, fine to medium SAND, trace Silt.		
3						
4	S-2	3-6	86	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
5						
6						
7	S-3	6-9	94	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, moist.		
8						
9						
10	S-4	9-12	94	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet.		
11						
12						
13	S-5	12-15	97	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet.		
14						
15				(NATIVE) Gray-brown, Clayey SILT, wet.		
16				EOE at 15 ft bgs (no bedrock or refusal encountered)		
17						
18						
19						
20						

General Notes:

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- 3) MiniRAE 3000 was used to field screen and headspace soil samples.

Abbreviated Definitions:

EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

CONTRACTOR		Aquifer Drilling & Testing (ADT)		BORING LOCATION		Inside Break Room Former Dry Cleaner	
DRILLER		Scott P.		GROUND SURFACE ELEVATION		NM DATUM	
START		9/22/2014		END		9/22/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Geoprobe 420M	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 36" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		Inside Building (No Coordinates)	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-3	86	6" Concrete slab.	Soil wet at 8 ft bgs Possible GW.	ND
2				(FILL) Dark red-brown, fine to medium SAND, trace Silt, trace fine Gravel.		
3						
4	S-2	3-6	89	(FILL) Dark red-brown, fine to medium SAND, trace Silt, trace fine Gravel, trace plastic-like material fragments.		
5						
6						
7	S-3	6-9	94	(NATIVE) Red-brown, fine to medium SAND, trace Silt, moist.		
8						
9						
10	S-4	9-12	94	(NATIVE) Red-brown, fine to medium SAND, trace Silt, wet.		
11						
12						
13	S-5	12-15	97	(NATIVE) Red-brown, fine to medium SAND, little Silt, wet.		
14						
15				(NATIVE) Gray-brown, Clayey SILT, wet.		
16				EOE at 15 ft bgs (no bedrock or refusal encountered)		
17						
18						
19						
20						

General Notes:

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Soil Boring: SB-16

CONTRACTOR		Parratt-Wolff		BORING LOCATION		Patel Property	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM	
START		11/13/2014		END		11/13/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9622643368 E -73.9923574965	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	56	6" Asphalt. (FILL) Gray-brown, fine SAND and Silt, little Gravel.	Soil wet at 8 ft bgs. Possible GW. Lab sample from 8-12 ft interval	4.2
2				(NATIVE) Brown, fine SAND, some Silt. (NATIVE) Red-brown, fine SAND, little Silt.		
3						
4						
5	S-2	4-8	58	(NATIVE) Red-brown, fine SAND and Silt, little fine Gravel. (NATIVE) Red-brown and gray, fine SAND, little Silt.		
6				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
7						
8						
9	S-3	8-12	100	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine to coarse SAND, trace Silt, wet.		
10				(NATIVE) Red-brown, fine SAND and Silt, wet. (NATIVE) Red-brown, SILT, wet		
11				(NATIVE) Brown, Clayey SILT, wet.		
12						
13	S-4	12-16	88	(NATIVE) Red-brown, SAND and Silt wet. (NATIVE) Brown, SILT, trace fine Sand, wet. (NATIVE) Gray-brown, Clayey SILT, wet.		
14						
15						
16						
17	S-5	16-20	100	(NATIVE) Gray-brown, Clayey SILT, wet.		
18						
19						
20				(NATIVE) Gray-brown, fine to medium SAND, wet.		

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		Patel Property	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/13/2014		END		11/13/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9622643368 E -73.9923574965	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
21	S-6	20-24	100	(NATIVE) Gray-brown, fine to medium SAND, wet.		0.7
22				(NATIVE) Gray-brown, Clayey SILT, wet.		
23						ND
24						
25	S-7	24-28	100	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		
26						
27				(NATIVE) Gray-brown, Clayey SILT, wet.		
28						
29				EOE at 28 ft bgs (no bedrock or refusal encountered)		
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		Hoffman Car Wash Property	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/12/2014		END		11/12/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG		Truck Mounted Geoprobe	
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD		Direct Push	
NA	NA	NA	NA	BORING COORDINATES		N 41.9616498264 E -73.9916151961	
NA	NA	NA	NA				

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)		
	Sample Number	DEPTH (FT)	RECOVERY (%)					
1	S-1	0-4	65	(FILL) 0-6" Brown, fine SAND and Silt. (NATIVE) Red-brown, fine SAND and Silt.	Soil wet at 6.5 ft bgs. Possible GW.	2.2		
2								
3				(NATIVE) Gray and brown, SILT.				
4								
5	S-2	4-8	92	(NATIVE) Gray and brown, SILT. (NATIVE) Brown, fine SAND and Silt. (NATIVE) Gray-brown, fine SAND, some Silt, moist.		Soil wet at 6.5 ft bgs. Possible GW.	2.2	
6				(NATIVE) Red-brown, fine SAND, little Silt, wet. 3" seam of SILT.				
7								
8								
9	S-3	8-12	100	(NATIVE) Red-brown and gray, fine to medium SAND, little Silt, wet.			Lab sample from 12-16 ft interval	2.0
10								
11								
12				(NATIVE) Brown, Clayey SILT, trace fine Sand, wet.				
13	S-4	12-16	100	(NATIVE) Red-brown and gray, fine SAND, little Silt, wet.	Lab sample from 12-16 ft interval			3.1
14								
15				(NATIVE) Red-brown, SILT, little fine Sand, wet. (NATIVE) Brown, Clayey SILT, trace SAND, wet. (NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.				
16								
17	S-5	16-20	100	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet. (NATIVE) Gray-brown, Clayey SILT, wet.				3.0
18								
19								
20								

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		Hoffman Car Wash Property	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/13/2014		END		11/13/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe			
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD				Direct Push			
NA	NA	NA	NA	BORING COORDINATES				N 41.9616498264 E -73.9916151961			
NA	NA	NA	NA								

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
21	S-6	20-24	100	(NATIVE) Gray-brown, Clayey SILT, wet.		2.9
22						
23						
24						
25	S-7	24-28	75			
26						
27						
28						
29				EOE at 28 ft bgs (no bedrock or refusal encountered)		1.3
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		Adjacent to Wiltwyck Vacant Building	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/12/2014		END		11/12/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe			
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD		Direct Push	
NA		NA		NA		NA		BORING COORDINATES		N 41.9618109944 E -73.9908197993	
NA		NA		NA		NA					

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	67	9" Asphalt. (FILL) Red-brown, fine SAND, some SILT, trace fine Gravel.		3.3
2				(NATIVE) Red-brown and gray, fine SAND, little Silt.		
3						
4						
5	S-2	4-8	67	(NATIVE) Gray and brown, fine SAND and Silt, trace fine Gravel. (NATIVE) Red-brown and gray, fine SAND, little Silt.		4.1
6				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
7						
8						
9	S-3	8-12	100	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine SAND, little Silt, trace Gravel, wet. (NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW	4.4
10						
11				(NATIVE) Brown Clayey SILT, little Sand, wet.		
12						
13	S-4	12-16	100	(NATIVE) Red-brown, fine SAND, trace Silt. (NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.	Lab sample from 12-16 ft interval	3.6
14						
15						
16						
17	S-5	16-20	100	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		3.4
18						
19						
20						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		Adjacent to Wiltwyck Vacant Building	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/13/2014		END		11/13/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe			
DATE	TIME	WATER	CASING	SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA	NA	NA	NA	OVERBURDEN SAMPLING METHOD				Direct Push			
NA	NA	NA	NA	BORING COORDINATES				N 41.9618109944 E -73.9908197993			
NA	NA	NA	NA								

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)		
	Sample Number	DEPTH (FT)	RECOVERY (%)					
21	S-6	20-24	100	(NATIVE) Gray-brown, Clayey SILT, wet.		3.3		
22								
23								
24								
25	S-7	24-28	100					
26								
27								
28								
29				EOE at 28 ft bgs (no bedrock or refusal encountered)				1.8
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe							
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH				2" (O.D.) and 48" (Length)			
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD				Direct Push			
NA		NA		NA		NA		BORING COORDINATES				N 41.9620612466 E -73.991000693			
NA		NA		NA		NA									

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
1	S-1	0-4	56	(FILL) Gray-brown, fine SAND and Silt. ----- (NATIVE) Red-brown, fine SAND, little Silt.		5.0
2				(NATIVE) Red-brown and gray, fine SAND, trace Silt.		
3						
4						
5	S-2	4-8	75	(NATIVE) Red-brown and gray, fine SAND, trace Silt.		5.4
6				(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt.		
7						
8						
9	S-3	8-12	79	(NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine to coarse SAND, trace Silt, wet. (NATIVE) Red-brown and gray, fine to medium SAND, trace Silt, wet.	Soil wet at 8 ft bgs. Possible GW	8.0
10				(NATIVE) Brown, Clayey SILT, trace Sand.		
11						
12						
13	S-4	12-16	88	(NATIVE) Red-brown and gray, fine SAND, trace Silt, wet.	Lab sample from 12-16 ft interval	22.7
14				(NATIVE) Red-brown and gray, fine SAND and Silt, wet. ----- (NATIVE) Red-brown, Clayey SILT, trace SAND.		
15				(NATIVE) Gray-brown, Clayey SILT, trace Sand.		
16						
17	S-5	16-20	88	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		3.0
18						
19						
20						

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CONTRACTOR		Parratt-Wolff		BORING LOCATION		South (Rear) of Former Dry Cleaner	
DRILLER		Wayne Nielson		GROUND SURFACE ELEVATION		NM DATUM NAD 1983	
START		11/11/2014		END		11/11/2014	
GZA GEOENVIRONMENTAL REPRESENTATIVE				P. Finnerty & M. Zabik			

WATER LEVEL DATA				TYPE OF DRILL RIG				Truck Mounted Geoprobe			
DATE		TIME		WATER		CASING		SAMPLER O.D. and LENGTH		2" (O.D.) and 48" (Length)	
NA		NA		NA		NA		OVERBURDEN SAMPLING METHOD		Direct Push	
NA		NA		NA		NA		BORING COORDINATES		N 41.9620612466 E -73.991000693	
NA		NA		NA		NA					

D E P T H	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	Headspace PID (ppm)		
	Sample Number	DEPTH (FT)	RECOVERY (%)					
	S-6	20-24	100	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.		ND		
	21							
22								
23								
24								
S-7	24-28	75	(NATIVE) Gray-brown, Clayey SILT, trace Sand, wet.					ND
25								
26								
27								
28								
EOE at 28 ft bgs (no bedrock or refusal encountered)								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

General Notes:

- 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
- 2) Water level readings have been made at times and under conditions stated, groundwater fluctuations may occur due to other factors than those present at the time measurements were made.
- 3) GZA obtained boring coordinate data with the use of a high-accuracy Trimble® Global Positioning (GPS) unit.
- 4) MiniRAE 3000 was used to field screen and headspace soil samples.

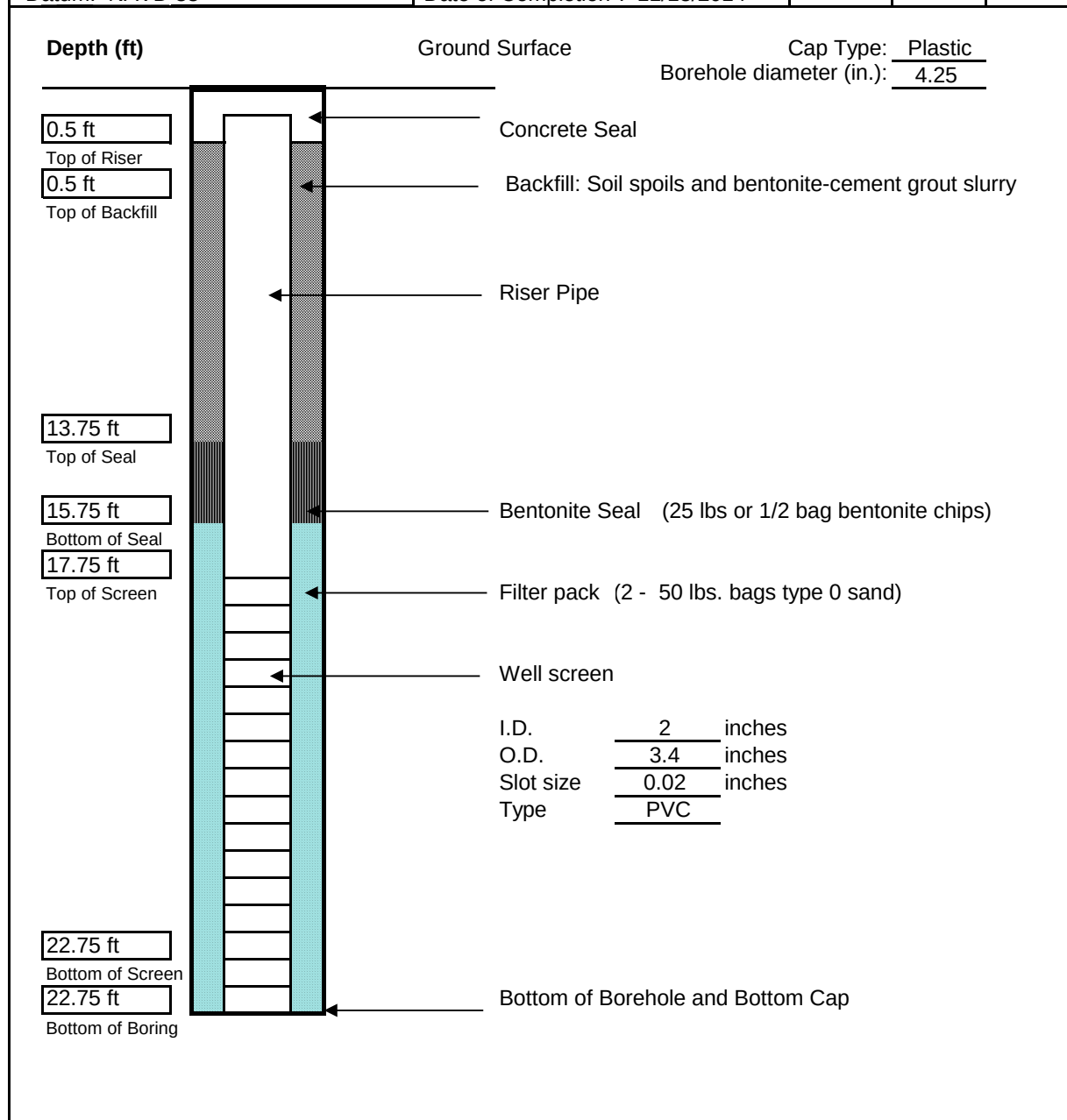
Abbreviated Definitions:
EOE = End of Exploration; ft bgs = feet below grade surface; GW = Groundwater; ND = Nondetect; ppm = parts per million; S = Soil Sample

APPENDIX C

NEW WELL INSTALLATION FIELD LOGS

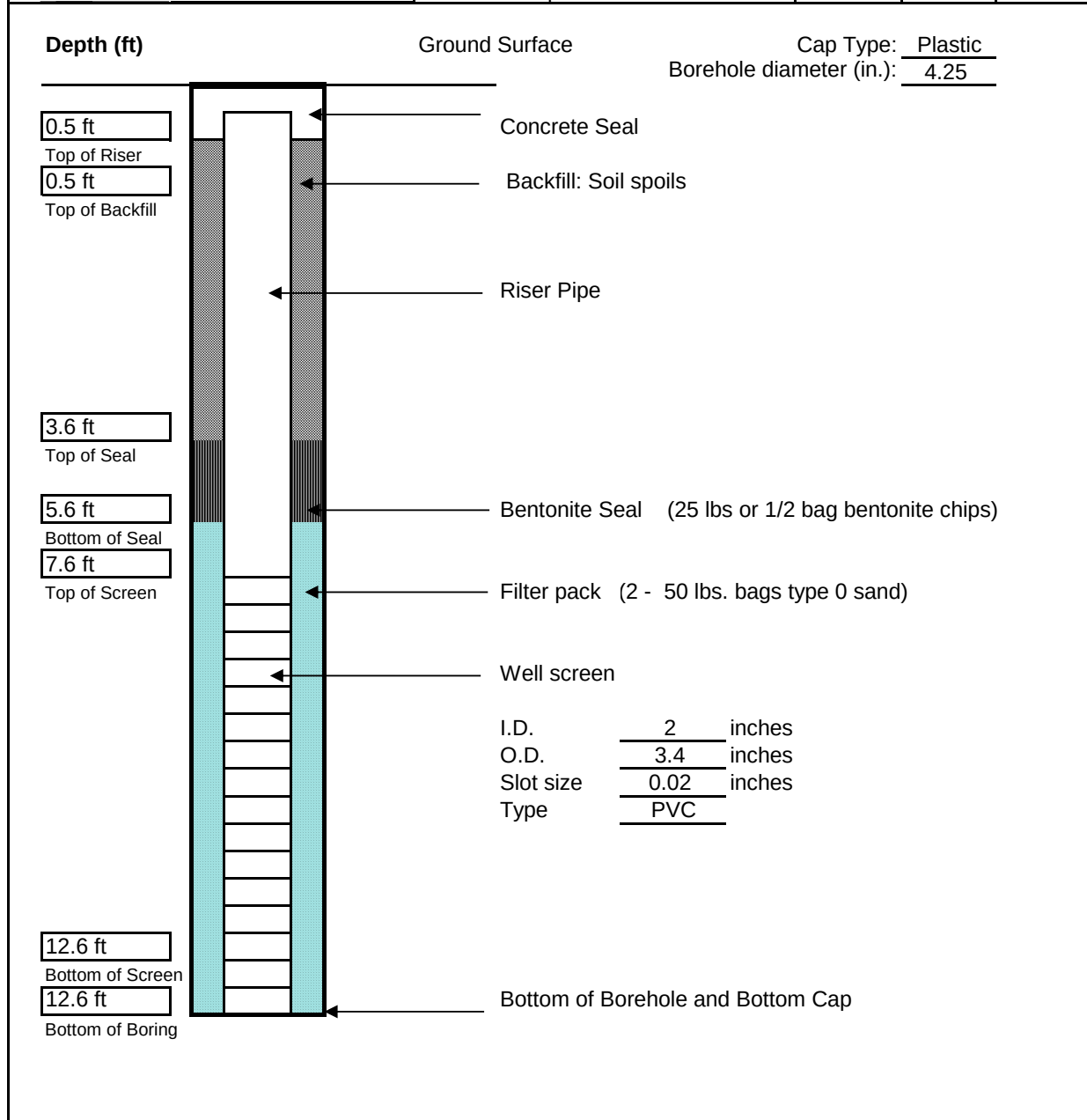


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/14/2014	735	7.76
Casing Elevation: 182.47'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/13/2014			



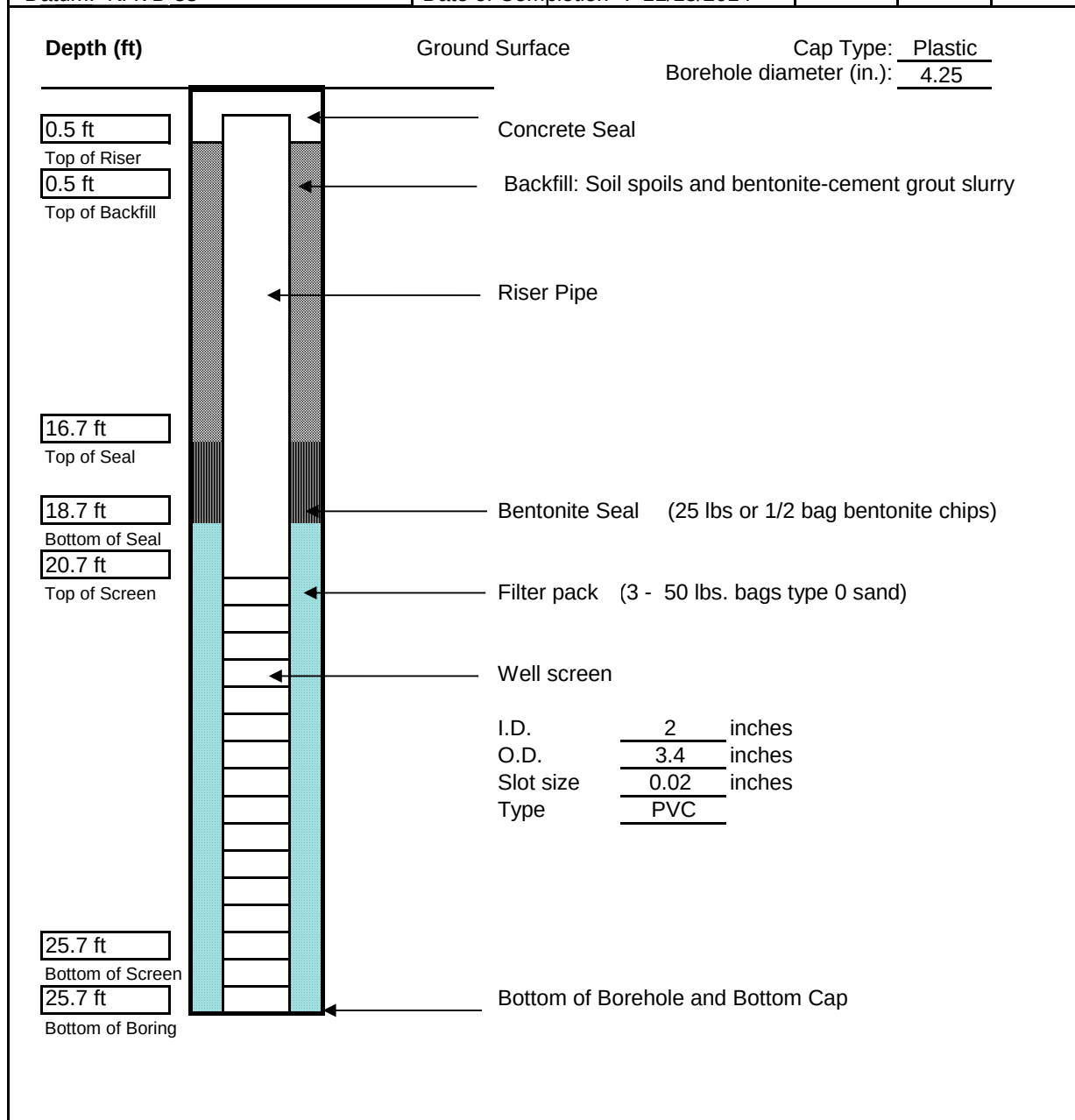


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/14/2014	735	5.81
Casing Elevation: 182.39'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/13/2014			



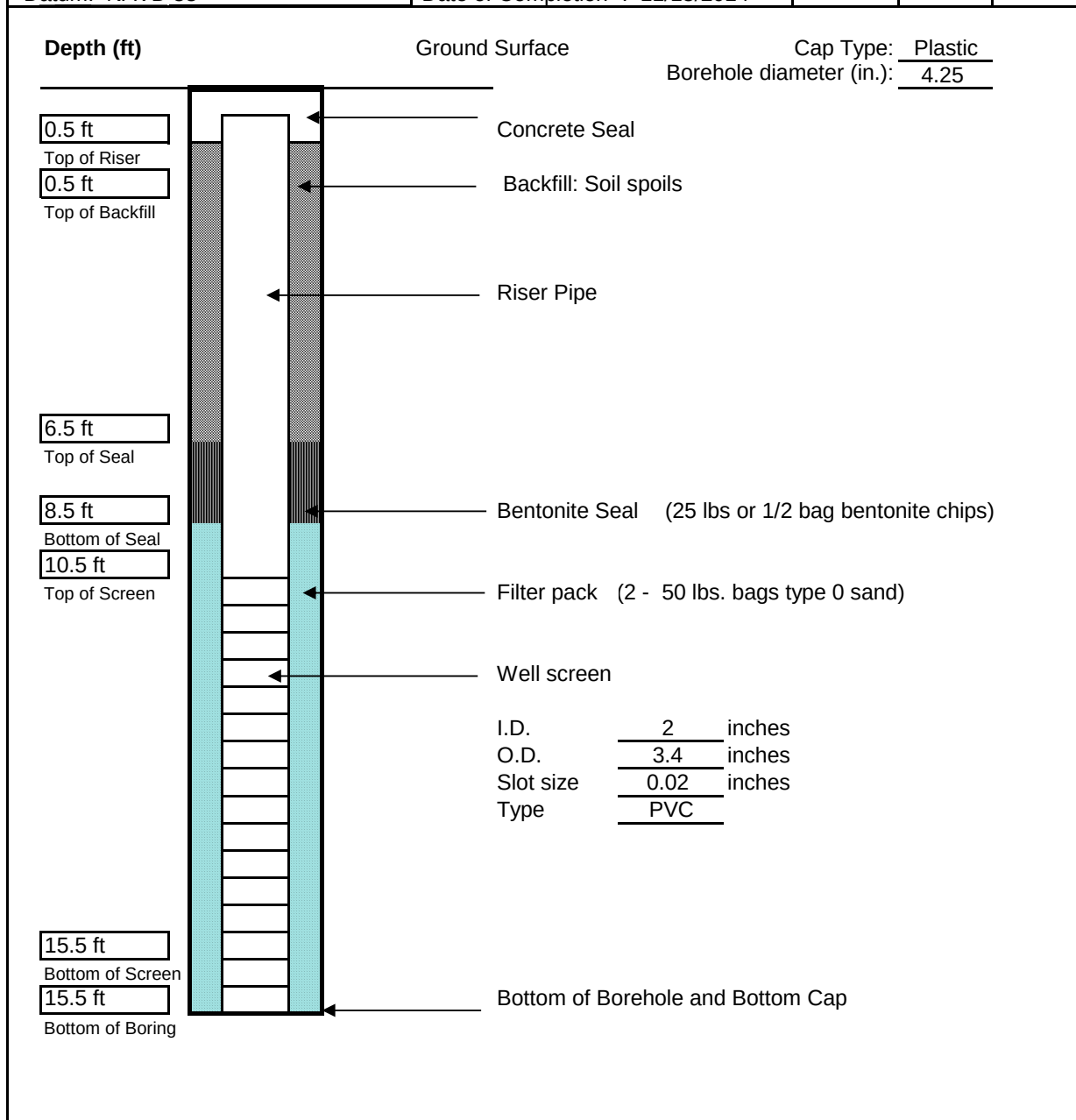


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/19/2014	1000	7.71
Casing Elevation: 183.94'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/18/2014			



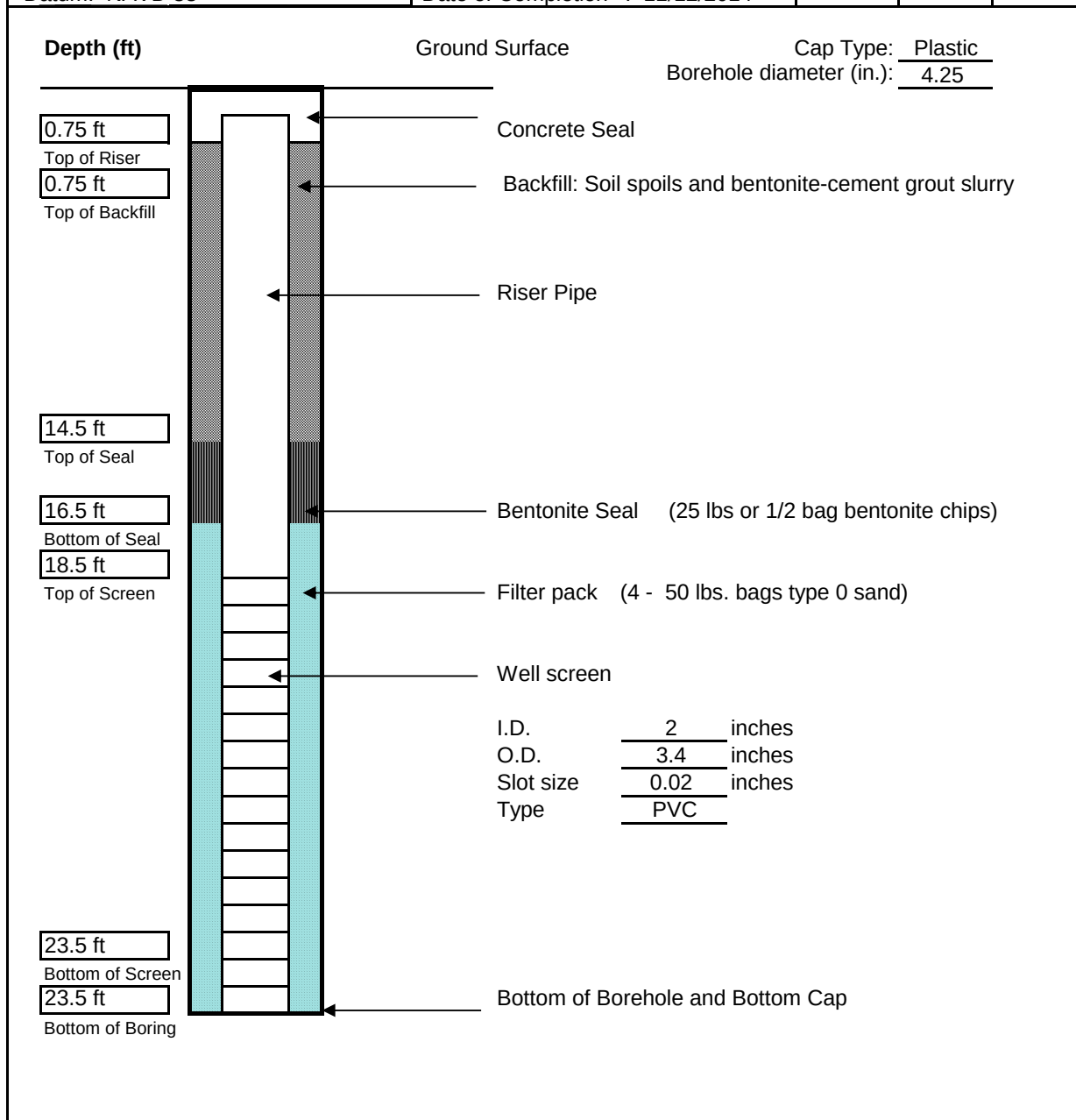


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/19/2014	1000	N/A
Casing Elevation: 184.04'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/18/2014			



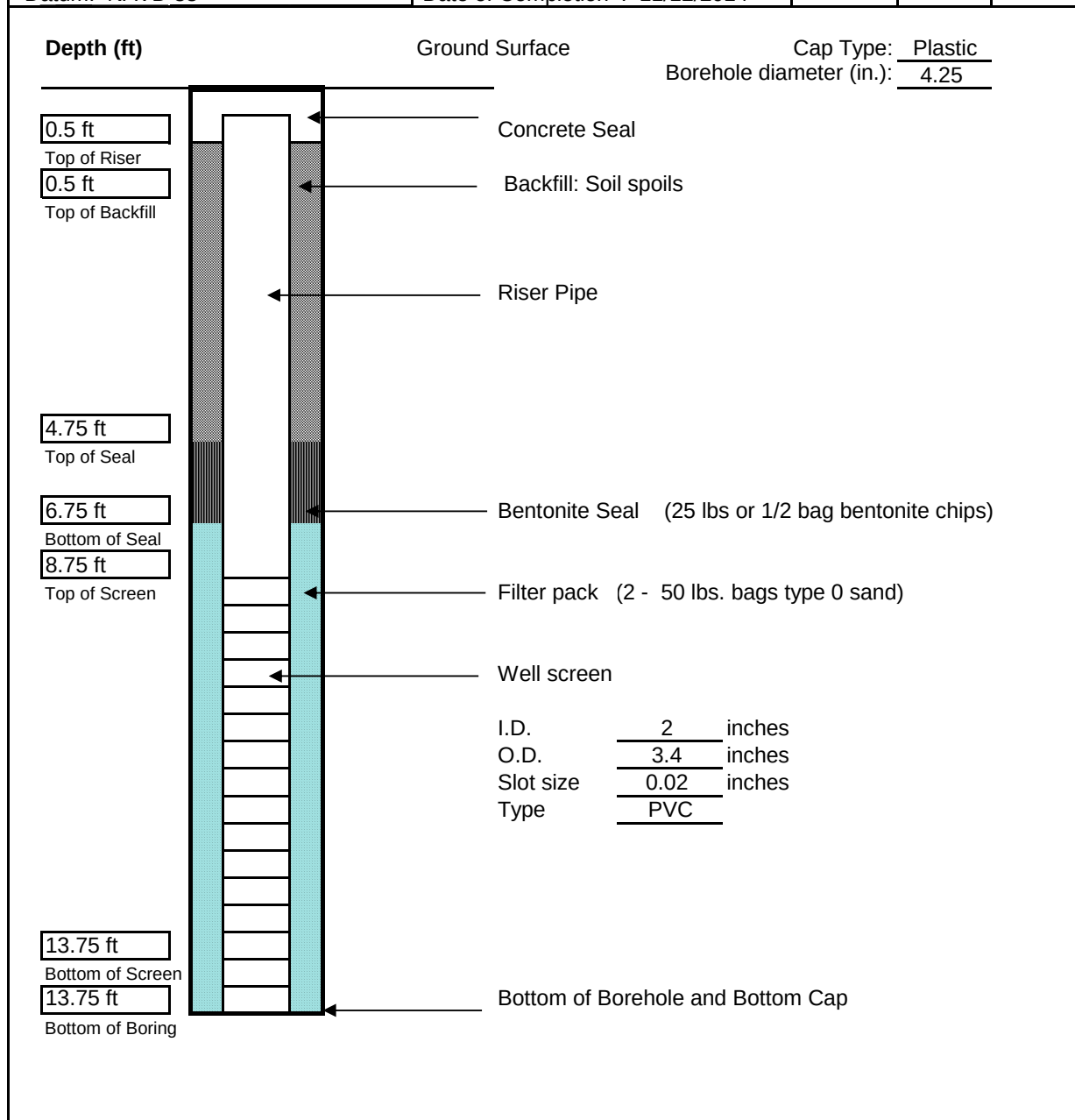


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/13/2014	720	7.45
Casing Elevation: 183.57'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/12/2014			



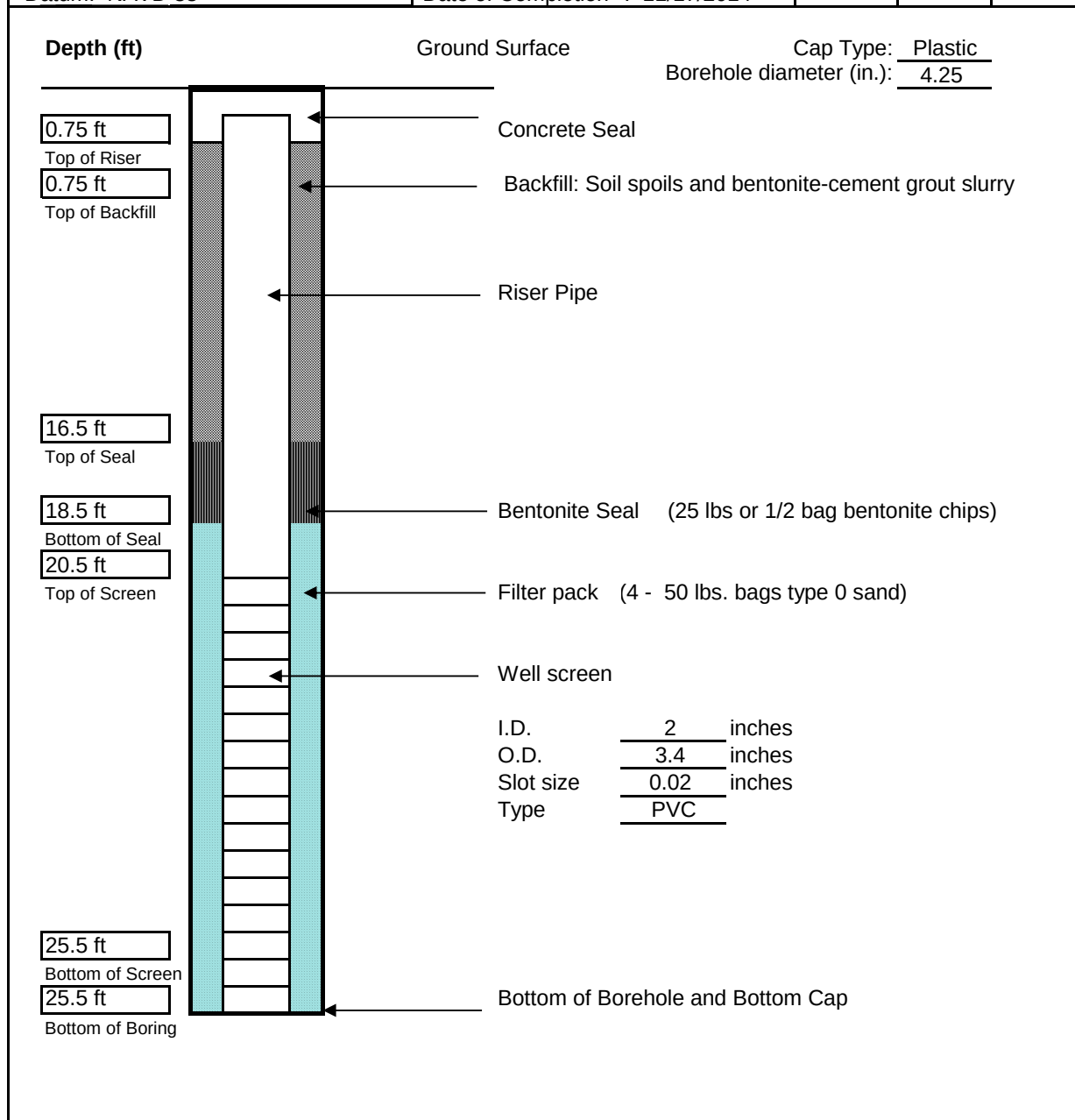


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/13/2014	720	7.29
Casing Elevation: 184.02'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/12/2014			



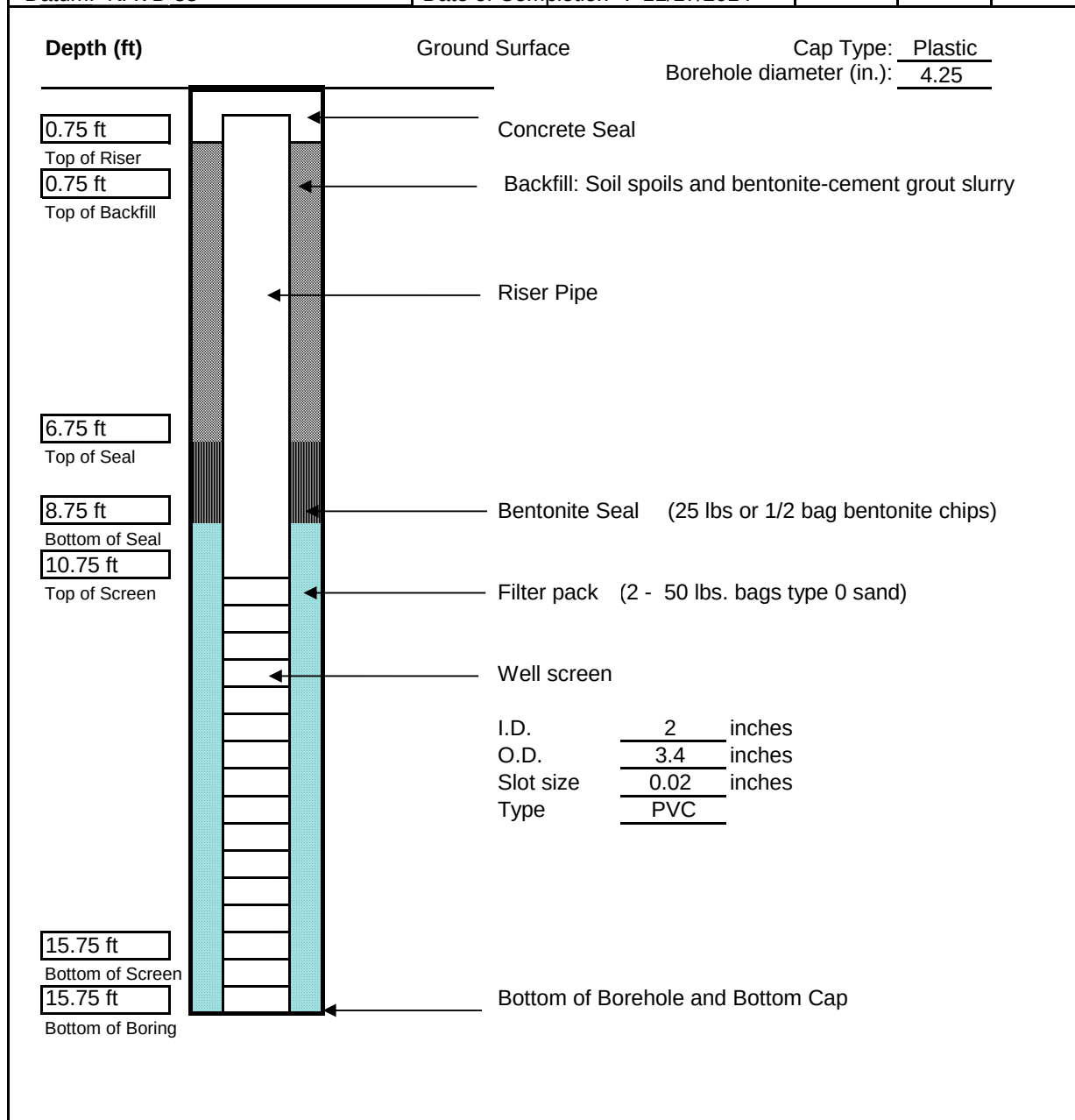


Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/18/2014	730	7.15
Casing Elevation: 184.17'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/17/2014			





Project: 9W/Boices Lane, Ulster, NY		Page 1 of 1		
Project No.: 31.0180004.00	Contractor: Parratt Wolff, Inc.	Water Levels		
Surface Elevation:	Driller: Wayne Nielson	Date	Time	Depth
Top of PVC		11/18/2014	730	7.15
Casing Elevation: 184.34'	GZA Staff: M. Zabik/P. Finnerty			
Datum: NAVD 88	Date of Completion : 11/17/2014			



APPENDIX D
SOIL ANALYTICAL RESULTS



www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L1421708

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.

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Project Name: 9W/BOICES LANE
Project Number: 31.018004.00

Lab Number: L1421708
Report Date: 10/01/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1421708-01	SP-1 (4-8')	SOIL	29 BOICES LANE, ULSTER, NY	09/16/14 14:45	09/17/14

Project Name: 9W/BOICES LANE
Project Number: 31.018004.00

Lab Number: L1421708
Report Date: 10/01/14

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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

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

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

Project Name: 9W/BOICES LANE
Project Number: 31.018004.00

Lab Number: L1421708
Report Date: 10/01/14

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.

The requested analysis were provided by the client.

Semivolatile Organics

The WG723754-4/-5 MS/MSD recovery, performed on L1421708-01, is below the acceptance criteria for benzoic acid (0%/0%), due to the concentration of this compound falling below the reported detection limit.

Total Organic Carbon

The WG726203-6/-7 MS/MSD RPD (31%), performed on L1421708-01, is above the acceptance criteria.

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:



Report Date: 10/01/14

Title: Technical Director/Representative

List of Organic Method Qualifiers

Table 1

Qualifier (Q)	Description
B	Entered if the analyte is found in the associated blank as well as the sample.
C	Applied to pesticide results when the identification has been confirmed by GC/MS.
D	Included when the all identified compounds in the analysis are at the secondary dilution factor.
E	Identified compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value, may indicate one of the following, depending on the situation: (1) The reported value is estimated and below the MDL. (2) Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero. (3) QC associated with this analyte is within warning limits.
N	Included for TIC that indicate presumptive evidence of a compound.
U	Entered if the analyte was analyzed for, but not detected.
P	Used for a pesticide/Aroclor target analyte when the concentration difference between 2 GC columns is greater than 25%; the lower value is flagged with a "P".
EMPC	"Estimated Maximum Possible Concentration" – The amount of analyte cannot be accurately quantified, so a maximum concentration has been estimated for the compound.
"XYZ"	"Wildcard" or Laboratory defined qualifier.

Note: Form I allows only one character in each qualifier column. If multiple qualifiers are applicable, please assess qualifier priority in the following order: U, E, J, B, D, C, P, N. Reporting done in the EDD may include multiple qualifiers when applicable, separated by a single space.

(Information obtained from NYSDEC ASP Exhibit B, 7/2005, page 64)

List of Inorganic Method Qualifiers

Table 2

Qualifier	Column (1)	Description
Concentration qualifiers		
B	C	Entered if the reported value was less than the CRDL, but greater than the IDL.
U	C	Entered if the analyte was analyzed for, but not detected.
J	C	Entered if the reported value is estimated and below the MDL.
*	C	Duplicate precision exceeds RPD limit.
M	C	Replicate precision exceeds RPD limit.
"XYZ"	C	"Wildcard" or Laboratory defined qualifier.
Qualifier specific entries		
E	Q	Entered if the reported value is estimated because of the presence of interferences.
Method qualifiers		
A	M	Flame atomic absorption
AS	M	Semi-automated spectrophotometric
AV	M	Automated cold vapor atomic absorption
C	M	Manual spectrophotometric
F	M	Furnace atomic absorption
MS	M	Mass spectrometry (ICP-MS)
NR	M	Analyte is not required to be analyzed
P	M	Inductively coupled plasma (ICP)
" "	M	No data have been entered

(1) The term "Column" is used to indicate under which column heading in the reporting forms that the qualifier will be found under.

Note: Form I allows only one character in each qualifier column. If multiple qualifiers are applicable to column C, please assess qualifier priority in the following order: U, J, B. Reporting done in the EDD may include multiple qualifiers when applicable, separated by a single space.

(Information obtained from NYSDEC ASP Exhibit B, 7/2005, page 65)

Volatile Organics Instruments

Volatile Organics: Jack

Instrument: Agilent 5975MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: EST Encon
Autosampler: EST Centurion
Purge time: 11 min

Column Type: RTX-VMS
Column Length: 20 Meters
df: 1.00um
ID: 0.18mm
Desorb: 2 min

Volatile Organics: Quimby

Instrument: Agilent 5973MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: EST Encon
Autosampler: EST Centurion
Purge time: 11 min

Column Type: RTX-VMS
Column Length: 20 Meters
df: 1.00um
ID: 0.18mm
Desorb: 2 min

Volatile Organics: Curly

Instrument: Agilent 5972 MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: Tekmar 3000
Autosampler: Archon
Purge time: 11 min

Column Type: Restek RTX-502.2
Column Length: 40 Meters
df: 1.00 um
ID: 0.18 mm
Desorb: 2 min

Volatile Organics: Elaine

Instrument: Agilent 5973 MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: Teledyne Velocity
Autosampler: Teledyne Solatek
Purge time: 11 min

Column Type: Restek RTX-502.2
Column Length: 40 Meters
df: 1.00 um
ID: 0.18 mm
Desorb: 2 min



Volatile Organics: Gonzo

Instrument: Agilent 5973 MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: Teledyne Velocity
Autosampler: Teledyne Solatek
Purge time: 11 min

Column Type: Restek RTX-502.2
Column Length: 40 Meters
df: 1.00 μ m
ID: 0.18 mm
Desorb: 2 min

Volatile Organics: VOA101

Instrument: Agilent 5975C inert XL MSD
Trap: EST K Trap (VOACARB 3000)
Concentrator: Encon Evolution
Autosampler: EST Centurion
Purge time: 11 min

Column Type: Restek RTX-VMS
Column Length: 30 Meters
df: 1.40 μ m
ID: 0.25 mm
Desorb: 1 min

Volatile Organics: Charlie/Voa100/Voa104

Instrument: Agilent 5975C MSD
Trap: Supelco K Trap (VOACARB 3000)
Concentrator: Encon Evolution
Autosampler: EST Centurion
Purge time: 11 min

Column Type: Agilent DB-624
Column Length: 25 Meters
df: 1.12 μ m
ID: 0.20 mm
Desorb: 2 min

Volatile Organics: M

Instrument: Agilent 6890

Concentrator: Tekmar 2016
Autosampler: Tekmar 3100

Column Type: Restek RTX 502.2
Column Length: 105 Meters
df: 3.00 μ m
ID: 0.53 mm

Volatile Organics: L/N

Instrument: Agilent 6890

Concentrator: Encon Evolution
Autosampler: EST Centurion

Column Type: Restek RTX 502.2
Column Length: 105 Meters
df: 3.00 μ m
ID: 0.53 mm

Volatile Organics: O/P

Instrument: Agilent 7890A

Concentrator: Encon Evolution
Autosampler: EST Centurion

Column Type: Restek RTX 502.2
Column Length: 105 Meters
df: 3.00 μ m
ID: 0.53 mm

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instrument: Agilent 6890 GC / 5975 MSD	Column Type: Restek RTX-1
	Column Length: 60 Meters
Concentrator: Entech 7100A	df: 1.00 um
Autosampler: Entech 7016CA	ID: 0.52 mm
Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material	
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material	

Semivolatile Organics Instruments

Semivolatile Organics (Acid/Base/Neutral Extractables): Buffy

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (Acid/Base/Neutral Extractables): Juliet/GCMS5/GCMS7

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SIL MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.32 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM: Dakota/Mork

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.32 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM: Mindy

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SIL MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.32 mm

Pesticides/PCB : Pest 11/Pest2/Pest7/Pest12

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column Type: Restek RTX-CLP (Channel A)	df: 0.32 um
Column: Restek RTX-CLPPesticide II (Channel B)	df: 0.25 um
Column Length: 30 Meters (Both)	ID: 0.32 mm (Both)

Pesticides/PCB: Pest 10/ Pest9

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column Type: Restek STX-CLP (Channel A)	df: 0.32 um
Column: Restek STX-CLPPesticide II (Channel B)	df: 0.25 um
Column Length: 30 Meters (Both)	ID: 0.32 mm (Both)

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs
Column Type: Restek RTX-1701 (Channel A)
Column Type: Restek RTX-5 (Channel B)
Column Length: 30 Meters (Both)

Injection Volume: 1uL
df: 0.25 um
df: 0.25 um
ID: 0.32 mm (Both)

Petro9

Instrument: Agilent 6890 w/FID
Column: Restek RTX-5
Column Length: 30 Meters

Injection Volume: 1uL
df: 0.25 um
ID: 0.32 mm

EPH Petro10/ Petro11

Instrument: Agilent 6890N w/FID
Column: Restek RTX-5-MS
Column Length: 30 Meters

Injection Volume: 1uL
df: 0.25um
ID: 0.32 mm

Explosives

Instrument: Dionex ICS-3000, AS50 Autosampler and PDA-100 detectors.
Injection Volume: 100uL
Column: Phenomenex Synergi 4u Hydro-RP and Luna 5u Phenyl-Hexyl.

GC/MS Forensic Semivolatile Organic Instruments

Semivolatile Organics (ALK-PAH extractables): PAH1/PAH2/PAH3/PAH4

Instrument: Agilent 5973C MSD
Column Type: Phenomenex ZB-5
Column Length: 60 Meters

Injection volume: 1 ul
df: 0.25 um
ID: 0.25 mm

Semivolatile Organics (ALK-PAH extractables): PAH8/PAH9/PAH10/PAH11/PAH12/PAH13/PAH14

Instrument: Agilent 5975C MSD
Column Type: Phenomenex ZB-5
Column Length: 60 Meters

Injection volume: 1 ul
df: 0.25 um
ID: 0.25 mm

Semivolatile Organics (ALK-PAH extractables): PAH17/PAH18/PAH19

Instrument: Agilent 5975C MSD
Column Type: Phenomenex ZB-5
Column Length: 60 Meters

Injection volume: 1 ul
df: 0.25 um
ID: 0.25 mm

GC/FID Forensic Semivolatile Organic Instruments

Semivolatile Organics (SHC extractables):PAH1/PAH2/PAH3/PAH4/PAH8

Instrument: Agilent 6890N w/FID
Column: Restek RTX-5
Column Length: 60 Meters

Injection Volume: 1uL
df: 0.25um
ID: 0.25 mm

Semivolatile Organics (SHC extractables): FID6 (dual column)/ FID9 (dual column)/ FID17 (dual column)

Instrument: Agilent 6890N w/FID
Column: Restek RTX-5
Column Length: 60 Meters

Injection Volume: 1uL
df: 0.25um
ID: 0.25 mm

Semivolatile Organics (SHC extractables):FID7 (dual column)

Instrument: Agilent 7890N w/FID
Column: Restek RTX-5
Column Length: 60 Meters

Injection Volume: 1uL
df: 0.25um
ID: 0.25 mm



Sample Delivery Group Form

Laboratory Job number: L1421708

Project Number: 31.018004.00

Project Name: 9W/BOICES LANE

Received: 09/17/2014 16:00

Client Account: The Palmerton Group

Received by: WM/RS

Samples Delivered by: COURIER

Call Tracker #

Bill Of Laden N/A

Trackingnum

Coc Present Present

Container Status Intact

Sample IDs

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt N/A

Are samples Properly Preserved? Yes

Initial pH preserved in house with

Final pH

Other Issues

Chlorine Check N/A

Are VOA/VPV Vials Present? Yes

Aqueous: Do Vials Contain Head Space? N/A

Soils: Is MeOH Covering the Soil? Yes

Reagent H2O Preserved vials Frozen on 09/18/14 04:14

Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	5.8 - Temp. Blank	No	No

Project Manager: Karyn Raymond

Review Date: 09/23/2014

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Oct 01 2014, 05:42 pm

Login Number: L1421708

Account: TPG The Palmerton Group Project: 31.018004.00

Sample #	Client ID	Received: 17SEP14	Due Date: 01OCT14

L1421708-01	SP-1 (4-8')	3 S0 16SEP14 14:45	2-Amber-A.1,3-Amber-A.25,3-Glass-A.120,1-Plastic-A-TS,3-Vial-F,6-Vial-W

L1421708-01 MS L1421708-01 MSD TOC: started as L141709 ASP-A Package Due Date: 09/24/14

5035KITS, A2-TOC-LK, ASP-A, MS/MSD, NYTCL-8260HLW, NYTCL-8270, TS

Page 1

Logged By: Karyn Raymond

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY 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 9/18/14		ALPHA Job # L1921708																																																																																																																																																																																																																												
		Project Information				Deliverables				Billing Information																																																																																																																																																																																																																										
		Project Name: 9W/Bolles Lane Project Location: 29 Bolles Lane 4/ster, NY Project #: 31.018004.00 (Use Project name as Project #) ☐				☒ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other				☒ Same as Client Info PO #																																																																																																																																																																																																																										
Client Information				Regulatory Requirement				Disposal Site Information																																																																																																																																																																																																																												
Client: Palmetto Group (62A) Address: 6296 Fly Road East Syracuse, NY 13057 Phone: 315-800-1800 Fax: 315-488-5444 Email: M.Zabik @ palmettogroup.com				Project Manager: Ben Keith ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: 9/24/14 Rush (only if pre approved) ☐ # of Days:				Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:																																																																																																																																																																																																																												
These samples have been previously analyzed by Alpha ☐				ANALYSIS				Sample Filtration																																																																																																																																																																																																																												
Other project specific requirements/comments: Please specify Metals or TAL.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">VOLs 8260</td> <td style="width:10%;">SOLs 8270</td> <td style="width:10%;">TOL</td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>				VOLs 8260	SOLs 8270	TOL																												☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)																																																																																																																																																																																														
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 V A A		Preservative F/A A A		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.)																																																																																																																																																																																																																										
Relinquished By: <i>M. Zabik</i> Date/Time: 9-17-14 1600		Relinquished By: <i>Robert G. ...</i> Date/Time: 9-17-14 2230		Received By: <i>Robert G. ...</i> Date/Time: 9-17-14 1600		Received By: <i>William ...</i> Date/Time: 9-18-14 0115																																																																																																																																																																																																																														

Organics

Volatiles Data

Volatiles Sample Data

Form 1

Volatile Organics

Client	: The Palmerton Group	Lab Number	: L1421708
Project Name	: 9W/BOICES LANE	Project Number	: 31.018004.00
Lab ID	: L1421708-01	Date Collected	: 09/16/14 14:45
Client ID	: SP-1 (4-8')	Date Received	: 09/17/14
Sample Location	: 29 BOICES LANE, ULSTER, N	Date Analyzed	: 09/22/14 15:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 0922A15	Instrument ID	: VOA104.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	11	1.2	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.10	U
67-66-3	Chloroform	ND	1.6	0.41	U
56-23-5	Carbon tetrachloride	ND	1.1	0.23	U
78-87-5	1,2-Dichloropropane	ND	3.9	0.25	U
124-48-1	Dibromochloromethane	ND	1.1	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.34	U
127-18-4	Tetrachloroethene	0.42	1.1	0.16	J
108-90-7	Chlorobenzene	ND	1.1	0.38	U
75-69-4	Trichlorofluoromethane	ND	5.5	0.43	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.12	U
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.12	U
75-27-4	Bromodichloromethane	ND	1.1	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.13	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.13	U
542-75-6	1,3-Dichloropropene, Total	ND	1.1	0.13	U
563-58-6	1,1-Dichloropropene	ND	5.5	0.16	U
75-25-2	Bromoform	ND	4.4	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.11	U
71-43-2	Benzene	ND	1.1	0.13	U
108-88-3	Toluene	0.39	1.6	0.22	J
100-41-4	Ethylbenzene	ND	1.1	0.14	U
74-87-3	Chloromethane	ND	5.5	0.32	U
74-83-9	Bromomethane	ND	2.2	0.37	U
75-01-4	Vinyl chloride	ND	2.2	0.13	U
75-00-3	Chloroethane	ND	2.2	0.35	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.29	U



Form 1

Volatile Organics

Client	: The Palmerton Group	Lab Number	: L1421708
Project Name	: 9W/BOICES LANE	Project Number	: 31.018004.00
Lab ID	: L1421708-01	Date Collected	: 09/16/14 14:45
Client ID	: SP-1 (4-8')	Date Received	: 09/17/14
Sample Location	: 29 BOICES LANE, ULSTER, N	Date Analyzed	: 09/22/14 15:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 0922A15	Instrument ID	: VOA104.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.23	U
79-01-6	Trichloroethene	ND	1.1	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	5.5	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	5.5	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	5.5	0.15	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.09	U
179601-23-1	p/m-Xylene	ND	2.2	0.22	U
95-47-6	o-Xylene	ND	2.2	0.19	U
1330-20-7	Xylene (Total)	ND	2.2	0.19	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.16	U
540-59-0	1,2-Dichloroethene (total)	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	11	0.18	U
100-42-5	Styrene	ND	2.2	0.44	U
75-71-8	Dichlorodifluoromethane	ND	11	0.21	U
67-64-1	Acetone	23	11	1.1	
75-15-0	Carbon disulfide	ND	11	1.2	U
78-93-3	2-Butanone	ND	11	0.30	U
108-05-4	Vinyl acetate	ND	11	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	11	0.27	U
96-18-4	1,2,3-Trichloropropane	ND	11	0.18	U
591-78-6	2-Hexanone	ND	11	0.74	U
74-97-5	Bromochloromethane	ND	5.5	0.30	U
594-20-7	2,2-Dichloropropane	ND	5.5	0.25	U
106-93-4	1,2-Dibromoethane	ND	4.4	0.19	U
142-28-9	1,3-Dichloropropane	ND	5.5	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	0.35	U
108-86-1	Bromobenzene	ND	5.5	0.23	U



Form 1

Volatile Organics

Client	: The Palmerton Group	Lab Number	: L1421708
Project Name	: 9W/BOICES LANE	Project Number	: 31.018004.00
Lab ID	: L1421708-01	Date Collected	: 09/16/14 14:45
Client ID	: SP-1 (4-8')	Date Received	: 09/17/14
Sample Location	: 29 BOICES LANE, ULSTER, N	Date Analyzed	: 09/22/14 15:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 0922A15	Instrument ID	: VOA104.I
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	1.1	0.13	U
135-98-8	sec-Butylbenzene	ND	1.1	0.13	U
98-06-6	tert-Butylbenzene	ND	5.5	0.15	U
95-49-8	o-Chlorotoluene	ND	5.5	0.18	U
106-43-4	p-Chlorotoluene	ND	5.5	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	0.44	U
87-68-3	Hexachlorobutadiene	ND	5.5	0.25	U
98-82-8	Isopropylbenzene	ND	1.1	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.14	U
91-20-3	Naphthalene	ND	5.5	0.15	U
107-13-1	Acrylonitrile	ND	11	0.57	U
103-65-1	n-Propylbenzene	ND	1.1	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	0.16	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	0.20	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	0.16	U
123-91-1	1,4-Dioxane	ND	110	16.	U
105-05-5	1,4-Diethylbenzene	ND	4.4	0.18	U
622-96-8	4-Ethyltoluene	ND	4.4	0.14	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.4	0.14	U
60-29-7	Ethyl ether	1.0	5.5	0.29	J
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.5	0.43	U

Form 1

Volatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG724473-3
 Client ID : WG724473-3BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : 0922A06
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 11:54
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104.I
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	1.1	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.09	U
67-66-3	Chloroform	ND	1.5	0.37	U
56-23-5	Carbon tetrachloride	ND	1.0	0.21	U
78-87-5	1,2-Dichloropropane	ND	3.5	0.23	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.30	U
127-18-4	Tetrachloroethene	ND	1.0	0.14	U
108-90-7	Chlorobenzene	ND	1.0	0.35	U
75-69-4	Trichlorofluoromethane	ND	5.0	0.39	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.11	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.11	U
75-27-4	Bromodichloromethane	ND	1.0	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.12	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.12	U
563-58-6	1,1-Dichloropropene	ND	5.0	0.14	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	U
71-43-2	Benzene	ND	1.0	0.12	U
108-88-3	Toluene	0.20	1.5	0.19	J
100-41-4	Ethylbenzene	ND	1.0	0.13	U
74-87-3	Chloromethane	ND	5.0	0.29	U
74-83-9	Bromomethane	ND	2.0	0.34	U
75-01-4	Vinyl chloride	ND	2.0	0.12	U
75-00-3	Chloroethane	ND	2.0	0.32	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.26	U



Form 1

Volatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG724473-3
 Client ID : WG724473-3BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : 0922A06
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 11:54
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104.I
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.21	U
79-01-6	Trichloroethene	ND	1.0	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.14	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.08	U
179601-23-1	p/m-Xylene	ND	2.0	0.20	U
95-47-6	o-Xylene	ND	2.0	0.17	U
1330-20-7	Xylene (Total)	ND	2.0	0.17	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.14	U
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	10	0.16	U
100-42-5	Styrene	ND	2.0	0.40	U
75-71-8	Dichlorodifluoromethane	ND	10	0.19	U
67-64-1	Acetone	ND	10	1.0	U
75-15-0	Carbon disulfide	ND	10	1.1	U
78-93-3	2-Butanone	ND	10	0.27	U
108-05-4	Vinyl acetate	ND	10	0.13	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.24	U
96-18-4	1,2,3-Trichloropropane	ND	10	0.16	U
591-78-6	2-Hexanone	ND	10	0.67	U
74-97-5	Bromochloromethane	ND	5.0	0.28	U
594-20-7	2,2-Dichloropropane	ND	5.0	0.23	U
106-93-4	1,2-Dibromoethane	ND	4.0	0.17	U
142-28-9	1,3-Dichloropropane	ND	5.0	0.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.32	U
108-86-1	Bromobenzene	ND	5.0	0.21	U



Form 1

Volatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG724473-3
 Client ID : WG724473-3BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : 0922A06
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 11:54
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104.I
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
104-51-8	n-Butylbenzene	ND	1.0	0.11	U
135-98-8	sec-Butylbenzene	ND	1.0	0.12	U
98-06-6	tert-Butylbenzene	ND	5.0	0.14	U
95-49-8	o-Chlorotoluene	ND	5.0	0.16	U
106-43-4	p-Chlorotoluene	ND	5.0	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.40	U
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	U
98-82-8	Isopropylbenzene	ND	1.0	0.10	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.12	U
91-20-3	Naphthalene	ND	5.0	0.14	U
107-13-1	Acrylonitrile	ND	10	0.51	U
108-20-3	Isopropyl Ether	ND	4.0	0.14	U
75-65-0	tert-Butyl Alcohol	ND	60	2.9	U
103-65-1	n-Propylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.15	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.18	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.14	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.14	U
79-20-9	Methyl Acetate	ND	20	0.27	U
141-78-6	Ethyl Acetate	ND	20	0.92	U
107-02-8	Acrolein	ND	25	8.1	U
110-82-7	Cyclohexane	ND	20	0.15	U
123-91-1	1,4-Dioxane	ND	100	14.	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	0.27	U
105-05-5	1,4-Diethylbenzene	ND	4.0	0.16	U
622-96-8	4-Ethyltoluene	ND	4.0	0.12	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.0	0.13	U



Form 1

Volatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG724473-3
 Client ID : WG724473-3BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260C
 Lab File ID : 0922A06
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 11:54
 Dilution Factor : 1
 Analyst : MV
 Instrument ID : VOA104.I
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
109-99-9	Tetrahydrofuran	ND	20	1.0	U
60-29-7	Ethyl ether	ND	5.0	0.26	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	0.39	U
108-87-2	Methyl cyclohexane	ND	4.0	0.15	U
637-92-3	Ethyl-Tert-Butyl-Ether	ND	4.0	0.12	U
994-05-8	Tertiary-Amyl Methyl Ether	ND	4.0	0.10	U

Semivolatiles Data- Method 8270C

Semivolatile Sample Data

Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : L1421708-01
 Client ID : SP-1 (4-8')
 Sample Location : 29 BOICES LANE, ULSTER, N
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 21708-01
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 14:45
 Date Received : 09/17/14
 Date Analyzed : 09/22/14 23:43
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	140	36.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	56.	U
118-74-1	Hexachlorobenzene	ND	100	32.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	48.	U
91-58-7	2-Chloronaphthalene	ND	170	56.	U
95-50-1	1,2-Dichlorobenzene	ND	170	57.	U
541-73-1	1,3-Dichlorobenzene	ND	170	54.	U
106-46-7	1,4-Dichlorobenzene	ND	170	52.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	37.	U
606-20-2	2,6-Dinitrotoluene	ND	170	44.	U
206-44-0	Fluoranthene	ND	100	32.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	52.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	40.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	61.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	52.	U
87-68-3	Hexachlorobutadiene	ND	170	49.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	110	U
67-72-1	Hexachloroethane	ND	140	31.	U
78-59-1	Isophorone	ND	160	46.	U
91-20-3	Naphthalene	ND	170	57.	U
98-95-3	Nitrobenzene	ND	160	41.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	140	36.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	51.	U



Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : L1421708-01
 Client ID : SP-1 (4-8')
 Sample Location : 29 BOICES LANE, ULSTER, N
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 21708-01
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 14:45
 Date Received : 09/17/14
 Date Analyzed : 09/22/14 23:43
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	170	45.	U
85-68-7	Butyl benzyl phthalate	ND	170	34.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	42.	U
84-66-2	Diethyl phthalate	ND	170	36.	U
131-11-3	Dimethyl phthalate	ND	170	44.	U
56-55-3	Benzo(a)anthracene	ND	100	34.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	35.	U
207-08-9	Benzo(k)fluoranthene	ND	100	33.	U
218-01-9	Chrysene	ND	100	34.	U
208-96-8	Acenaphthylene	ND	140	32.	U
120-12-7	Anthracene	ND	100	29.	U
191-24-2	Benzo(ghi)perylene	ND	140	36.	U
86-73-7	Fluorene	ND	170	49.	U
85-01-8	Phenanthrene	ND	100	34.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	33.	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	140	38.	U
129-00-0	Pyrene	ND	100	34.	U
92-52-4	Biphenyl	ND	390	57.	U
106-47-8	4-Chloroaniline	ND	170	46.	U
88-74-4	2-Nitroaniline	ND	170	49.	U
99-09-2	3-Nitroaniline	ND	170	48.	U
100-01-6	4-Nitroaniline	ND	170	46.	U



Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : L1421708-01
 Client ID : SP-1 (4-8')
 Sample Location : 29 BOICES LANE, ULSTER, N
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 21708-01
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 14:45
 Date Received : 09/17/14
 Date Analyzed : 09/22/14 23:43
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	170	58.	U
91-57-6	2-Methylnaphthalene	ND	210	55.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	53.	U
98-86-2	Acetophenone	ND	170	53.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	P-Chloro-M-Cresol	ND	170	50.	U
95-57-8	2-Chlorophenol	ND	170	52.	U
120-83-2	2,4-Dichlorophenol	ND	160	56.	U
105-67-9	2,4-Dimethylphenol	ND	170	51.	U
88-75-5	2-Nitrophenol	ND	370	54.	U
100-02-7	4-Nitrophenol	ND	240	56.	U
51-28-5	2,4-Dinitrophenol	ND	830	240	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	63.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	ND	170	51.	U
95-48-7	2-Methylphenol	ND	170	56.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	56.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	56.	U
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	37.	U



Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG723754-1
 Client ID : WG723754-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 723754-1
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 20:01
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	33.	U
120-82-1	1,2,4-Trichlorobenzene	ND	160	53.	U
118-74-1	Hexachlorobenzene	ND	97	30.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	46.	U
91-58-7	2-Chloronaphthalene	ND	160	53.	U
95-50-1	1,2-Dichlorobenzene	ND	160	53.	U
541-73-1	1,3-Dichlorobenzene	ND	160	51.	U
106-46-7	1,4-Dichlorobenzene	ND	160	49.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	35.	U
606-20-2	2,6-Dinitrotoluene	ND	160	42.	U
206-44-0	Fluoranthene	ND	97	30.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	49.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	37.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	190	57.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	49.	U
87-68-3	Hexachlorobutadiene	ND	160	46.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	100	U
67-72-1	Hexachloroethane	ND	130	30.	U
78-59-1	Isophorone	ND	150	43.	U
91-20-3	Naphthalene	ND	160	54.	U
98-95-3	Nitrobenzene	ND	150	39.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	130	34.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	48.	U



Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG723754-1
 Client ID : WG723754-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 723754-1
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 20:01
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	160	42.	U
85-68-7	Butyl benzyl phthalate	ND	160	32.	U
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	40.	U
84-66-2	Diethyl phthalate	ND	160	34.	U
131-11-3	Dimethyl phthalate	ND	160	41.	U
56-55-3	Benzo(a)anthracene	ND	97	32.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	97	33.	U
207-08-9	Benzo(k)fluoranthene	ND	97	31.	U
218-01-9	Chrysene	ND	97	32.	U
208-96-8	Acenaphthylene	ND	130	30.	U
120-12-7	Anthracene	ND	97	27.	U
191-24-2	Benzo(ghi)perylene	ND	130	34.	U
86-73-7	Fluorene	ND	160	46.	U
85-01-8	Phenanthrene	ND	97	32.	U
53-70-3	Dibenzo(a,h)anthracene	ND	97	31.	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	130	36.	U
129-00-0	Pyrene	ND	97	32.	U
92-52-4	Biphenyl	ND	370	54.	U
106-47-8	4-Chloroaniline	ND	160	43.	U
88-74-4	2-Nitroaniline	ND	160	46.	U
99-09-2	3-Nitroaniline	ND	160	45.	U
100-01-6	4-Nitroaniline	ND	160	44.	U



Form 1

SemiVolatile Organics

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG723754-1
 Client ID : WG723754-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270D
 Lab File ID : 723754-1
 Sample Amount : 30.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/22/14 20:01
 Date Extracted : 09/20/14
 Dilution Factor : 1
 Analyst : RC
 Instrument ID : GCMS7.I
 GC Column : RTX-5
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	54.	U
91-57-6	2-Methylnaphthalene	ND	190	52.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	50.	U
98-86-2	Acetophenone	ND	160	50.	U
88-06-2	2,4,6-Trichlorophenol	ND	97	31.	U
59-50-7	P-Chloro-M-Cresol	ND	160	47.	U
95-57-8	2-Chlorophenol	ND	160	49.	U
120-83-2	2,4-Dichlorophenol	ND	150	53.	U
105-67-9	2,4-Dimethylphenol	ND	160	48.	U
88-75-5	2-Nitrophenol	ND	350	51.	U
100-02-7	4-Nitrophenol	ND	230	53.	U
51-28-5	2,4-Dinitrophenol	ND	780	220	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	59.	U
87-86-5	Pentachlorophenol	ND	130	35.	U
108-95-2	Phenol	ND	160	48.	U
95-48-7	2-Methylphenol	ND	160	52.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	230	53.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	53.	U
65-85-0	Benzoic Acid	ND	530	160	U
100-51-6	Benzyl Alcohol	ND	160	50.	U
86-74-8	Carbazole	ND	160	35.	U



Wet Chemistry

Organic Carbon Analysis

Results

Form 1

WETCHEM

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : L1421708-01
 Client ID : SP-1 (4-8")
 Sample Location : 29 BOICES LANE, ULSTER, N
 Sample Matrix : SOIL
 Analytical Method : 13,-
 Lab File ID : WG726203,YX,toc1.csv
 Sample Amount :

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 14:45
 Date Received : 09/17/14
 Date Analyzed : 09/25/14 10:03
 Dilution Factor : 1
 Analyst : YX
 Instrument ID : TOC1
 %Solids : 94

CAS NO.	Parameter	Results	%		Qualifier
			RL	MDL	
7440-44-0	Total Organic Carbon	0.394	0.050	0.050	



Form 1

WETCHEM

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG726203-1
 Client ID : WG726203-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 13,-
 Lab File ID : WG726203,YX,toc1.csv
 Sample Amount :

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/25/14 10:03
 Dilution Factor : 1
 Analyst : YX
 Instrument ID : TOC1
 %Solids : NA

CAS NO.	Parameter	Results	%		Qualifier
			RL	MDL	
7440-44-0	Total Organic Carbon	ND	0.050	0.050	U



Form 1

WETCHEM

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG726203-3
 Client ID : NSP-SEDDUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 13,-
 Lab File ID : WG726203,YX,toc1.csv
 Sample Amount :

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 12:00
 Date Received : 09/16/14
 Date Analyzed : 09/25/14 10:03
 Dilution Factor : 1
 Analyst : YX
 Instrument ID : TOC1
 %Solids : 54

CAS NO.	Parameter	Results	%		Qualifier
			RL	MDL	
7440-44-0	Total Organic Carbon	0.991	0.050	0.050	



Total Solids / Percent Moisture Analysis

Results

Form 1

WETCHEM

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : L1421708-01
 Client ID : SP-1 (4-8")
 Sample Location : 29 BOICES LANE, ULSTER, N
 Sample Matrix : SOIL
 Analytical Method : 30,2540G
 Lab File ID : WG723362.csv
 Sample Amount :

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 14:45
 Date Received : 09/17/14
 Date Analyzed : 09/18/14 21:13
 Dilution Factor : 1
 Analyst : RT
 Instrument ID :
 %Solids : 94

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	94.2	0.100	NA	



Form 1

WETCHEM

Client : The Palmerton Group
 Project Name : 9W/BOICES LANE
 Lab ID : WG723362-1
 Client ID : TIBBITS FARM 02 (SOLID)DU
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 30,2540G
 Lab File ID : WG723362.csv
 Sample Amount :

Lab Number : L1421708
 Project Number : 31.018004.00
 Date Collected : 09/16/14 09:30
 Date Received : 09/17/14
 Date Analyzed : 09/18/14 21:13
 Dilution Factor : 1
 Analyst : RT
 Instrument ID :
 %Solids : 100

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	99.6	0.100	NA	





ANALYTICAL REPORT

Lab Number:	L1427018
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W / BOICES LANE
Project Number:	31.0180004.00
Report Date:	11/24/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427018
Report Date: 11/24/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427018-01	SB-2 (4-8')	SOIL	KINGSTON, NY	11/10/14 12:30	11/10/14
L1427018-02	SB-3 (4-8')	SOIL	KINGSTON, NY	11/10/14 14:15	11/10/14
L1427018-03	SB-4 (4-8')	SOIL	KINGSTON, NY	11/10/14 15:00	11/10/14
L1427018-04	SB-40 (4-8')	SOIL	KINGSTON, NY	11/10/14 15:00	11/10/14

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427018
Report Date: 11/24/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427018
Report Date: 11/24/14

Case Narrative (continued)

Report Submission

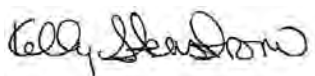
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG742119-2/-3 LCS/LCSD recoveries, associated with L1427018-01 through -04, are below the acceptance criteria for benzoic acid (4%/7%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 11/24/14

ORGANICS

VOLATILES

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01
 Client ID: SB-2 (4-8')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/20/14 15:59
 Analyst: BN
 Percent Solids: 96%

Date Collected: 11/10/14 12:30
 Date Received: 11/10/14
 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	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	0.47	J	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	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	5.4	0.15	1
Bromoform	ND		ug/kg	4.3	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	0.33	J	ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.2	0.36	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	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	5.4	0.16	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01

Date Collected: 11/10/14 12:30

Client ID: SB-2 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	5.4	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	0.22	J	ug/kg	2.2	0.21	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	0.22	J	ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.15	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	12		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.29	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.72	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.15	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.4	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	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.16	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01

Date Collected: 11/10/14 12:30

Client ID: SB-2 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.3	0.17	1
4-Ethyltoluene	ND		ug/kg	4.3	0.13	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.14	1
Ethyl ether	0.38	J	ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.42	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-02
 Client ID: SB-3 (4-8')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/20/14 16:26
 Analyst: BN
 Percent Solids: 95%

Date Collected: 11/10/14 14:15
 Date Received: 11/10/14
 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	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	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	5.9	0.46	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	5.9	0.17	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	0.28	J	ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.9	0.34	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	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	5.9	0.18	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-02

Date Collected: 11/10/14 14:15

Client ID: SB-3 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.23	1
o-Xylene	ND		ug/kg	2.4	0.20	1
Xylene (Total)	ND		ug/kg	2.4	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	2.4	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	ND		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	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	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	5.9	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.9	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.9	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.9	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.9	0.16	1
o-Chlorotoluene	ND		ug/kg	5.9	0.19	1
p-Chlorotoluene	ND		ug/kg	5.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.9	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	5.9	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	5.9	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-02

Date Collected: 11/10/14 14:15

Client ID: SB-3 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	5.9	0.17	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	5.9	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03
 Client ID: SB-4 (4-8')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/20/14 16:52
 Analyst: BN
 Percent Solids: 95%

Date Collected: 11/10/14 15:00
 Date Received: 11/10/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.96	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.96	0.13	1
Chlorobenzene	ND		ug/kg	0.96	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.37	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	0.10	1
Bromodichloromethane	ND		ug/kg	0.96	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.96	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.14	1
Bromoform	ND		ug/kg	3.8	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	0.10	1
Benzene	ND		ug/kg	0.96	0.11	1
Toluene	0.25	J	ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.96	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.96	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03

Date Collected: 11/10/14 15:00

Client ID: SB-4 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	0.20	J	ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.16	1
Xylene (Total)	0.20	J	ug/kg	1.9	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.96	0.14	1
Dibromomethane	ND		ug/kg	9.6	0.16	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.18	1
Acetone	5.9	J	ug/kg	9.6	0.99	1
Carbon disulfide	ND		ug/kg	9.6	1.0	1
2-Butanone	ND		ug/kg	9.6	0.26	1
Vinyl acetate	ND		ug/kg	9.6	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.6	0.16	1
2-Hexanone	ND		ug/kg	9.6	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.26	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	0.30	1
Bromobenzene	ND		ug/kg	4.8	0.20	1
n-Butylbenzene	ND		ug/kg	0.96	0.11	1
sec-Butylbenzene	ND		ug/kg	0.96	0.12	1
tert-Butylbenzene	ND		ug/kg	4.8	0.13	1
o-Chlorotoluene	ND		ug/kg	4.8	0.15	1
p-Chlorotoluene	ND		ug/kg	4.8	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.22	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.12	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.6	0.49	1
n-Propylbenzene	ND		ug/kg	0.96	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.14	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03

Date Collected: 11/10/14 15:00

Client ID: SB-4 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	4.8	0.14	1
1,4-Dioxane	ND		ug/kg	96	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.8	0.15	1
4-Ethyltoluene	ND		ug/kg	3.8	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.12	1
Ethyl ether	0.49	J	ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-04
 Client ID: SB-40 (4-8')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/20/14 17:19
 Analyst: BN
 Percent Solids: 95%

Date Collected: 11/10/14 15:00
 Date Received: 11/10/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.7	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.97	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.97	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.97	0.14	1
Chlorobenzene	ND		ug/kg	0.97	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	0.11	1
Bromodichloromethane	ND		ug/kg	0.97	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	0.10	1
Benzene	ND		ug/kg	0.97	0.11	1
Toluene	0.30	J	ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	ND		ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.97	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-04

Date Collected: 11/10/14 15:00

Client ID: SB-40 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	0.23	J	ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.17	1
Xylene (Total)	0.23	J	ug/kg	1.9	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.97	0.14	1
Dibromomethane	ND		ug/kg	9.7	0.16	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.18	1
Acetone	8.4	J	ug/kg	9.7	1.0	1
Carbon disulfide	ND		ug/kg	9.7	1.1	1
2-Butanone	ND		ug/kg	9.7	0.26	1
Vinyl acetate	ND		ug/kg	9.7	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	0.16	1
2-Hexanone	ND		ug/kg	9.7	0.65	1
Bromochloromethane	ND		ug/kg	4.8	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.20	1
n-Butylbenzene	ND		ug/kg	0.97	0.11	1
sec-Butylbenzene	ND		ug/kg	0.97	0.12	1
tert-Butylbenzene	ND		ug/kg	4.8	0.13	1
o-Chlorotoluene	ND		ug/kg	4.8	0.16	1
p-Chlorotoluene	ND		ug/kg	4.8	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.22	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.12	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.7	0.50	1
n-Propylbenzene	ND		ug/kg	0.97	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.14	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-04

Date Collected: 11/10/14 15:00

Client ID: SB-40 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	4.8	0.14	1
1,4-Dioxane	ND		ug/kg	97	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.16	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	0.78	J	ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	111		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG742730-3					
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	1.6	J	ug/kg	5.0	0.29
Bromomethane	1.3	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: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG742730-3					
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: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG742730-3					
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: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 11/20/14 11:06**Analyst:** BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG742730-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG742730-1 WG742730-2								
Methylene chloride	119		116		70-130	3		30
1,1-Dichloroethane	106		109		70-130	3		30
Chloroform	110		109		70-130	1		30
Carbon tetrachloride	113		113		70-130	0		30
1,2-Dichloropropane	109		106		70-130	3		30
Dibromochloromethane	99		102		70-130	3		30
2-Chloroethylvinyl ether	261	Q	244	Q	70-130	7		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	114		112		70-130	2		30
Chlorobenzene	105		107		70-130	2		30
Trichlorofluoromethane	124		129		70-139	4		30
1,2-Dichloroethane	106		109		70-130	3		30
1,1,1-Trichloroethane	111		112		70-130	1		30
Bromodichloromethane	104		104		70-130	0		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	104		104		70-130	0		30
1,1-Dichloropropene	113		114		70-130	1		30
Bromoform	99		96		70-130	3		30
1,1,2,2-Tetrachloroethane	103		100		70-130	3		30
Benzene	106		109		70-130	3		30
Toluene	104		103		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG742730-1 WG742730-2								
Ethylbenzene	106		109		70-130	3		30
Chloromethane	104		118		52-130	13		30
Bromomethane	89		89		57-147	0		30
Vinyl chloride	113		120		67-130	6		30
Chloroethane	128		126		50-151	2		30
1,1-Dichloroethene	92		96		65-135	4		30
trans-1,2-Dichloroethene	107		110		70-130	3		30
Trichloroethene	111		111		70-130	0		30
1,2-Dichlorobenzene	108		107		70-130	1		30
1,3-Dichlorobenzene	108		109		70-130	1		30
1,4-Dichlorobenzene	107		108		70-130	1		30
Methyl tert butyl ether	102		104		66-130	2		30
p/m-Xylene	109		110		70-130	1		30
o-Xylene	108		109		70-130	1		30
cis-1,2-Dichloroethene	110		110		70-130	0		30
Dibromomethane	105		102		70-130	3		30
Styrene	107		108		70-130	1		30
Dichlorodifluoromethane	102		116		30-146	13		30
Acetone	102		98		54-140	4		30
Carbon disulfide	87		98		59-130	12		30
2-Butanone	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG742730-1 WG742730-2								
Vinyl acetate	111		112		70-130	1		30
4-Methyl-2-pentanone	104		104		70-130	0		30
1,2,3-Trichloropropane	103		99		68-130	4		30
2-Hexanone	96		104		70-130	8		30
Bromochloromethane	109		109		70-130	0		30
2,2-Dichloropropane	113		112		70-130	1		30
1,2-Dibromoethane	100		110		70-130	10		30
1,3-Dichloropropane	103		110		69-130	7		30
1,1,1,2-Tetrachloroethane	102		104		70-130	2		30
Bromobenzene	105		100		70-130	5		30
n-Butylbenzene	121		121		70-130	0		30
sec-Butylbenzene	112		108		70-130	4		30
tert-Butylbenzene	109		104		70-130	5		30
o-Chlorotoluene	107		105		70-130	2		30
p-Chlorotoluene	109		106		70-130	3		30
1,2-Dibromo-3-chloropropane	103		94		68-130	9		30
Hexachlorobutadiene	121		111		67-130	9		30
Isopropylbenzene	109		110		70-130	1		30
p-Isopropyltoluene	114		110		70-130	4		30
Naphthalene	102		98		70-130	4		30
Acrylonitrile	106		104		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG742730-1 WG742730-2								
Isopropyl Ether	105		109		66-130	4		30
tert-Butyl Alcohol	90		91		70-130	1		30
n-Propylbenzene	114		109		70-130	4		30
1,2,3-Trichlorobenzene	114		109		70-130	4		30
1,2,4-Trichlorobenzene	118		114		70-130	3		30
1,3,5-Trimethylbenzene	112		105		70-130	6		30
1,2,4-Trimethylbenzene	110		105		70-130	5		30
Methyl Acetate	94		100		51-146	6		30
Ethyl Acetate	105		105		70-130	0		30
Acrolein	105		107		70-130	2		30
Cyclohexane	120		118		59-142	2		30
1,4-Dioxane	95		90		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		113		50-139	11		30
1,4-Diethylbenzene	123		123		70-130	0		30
4-Ethyltoluene	118		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	122		117		70-130	4		30
Tetrahydrofuran	102		106		66-130	4		30
Ethyl ether	100		108		67-130	8		30
trans-1,4-Dichloro-2-butene	103		99		70-130	4		30
Methyl cyclohexane	116		114		70-130	2		30
Ethyl-Tert-Butyl-Ether	105		107		70-130	2		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG742730-1 WG742730-2								
Tertiary-Amyl Methyl Ether	102		105		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	102		95		70-130
Dibromofluoromethane	103		104		70-130

SEMIVOLATILES

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01
 Client ID: SB-2 (4-8')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/21/14 04:11
 Analyst: JB
 Percent Solids: 96%

Date Collected: 11/10/14 12:30
 Date Received: 11/10/14
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/19/14 19:55

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	55.	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	240		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: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01

Date Collected: 11/10/14 12:30

Client ID: SB-2 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	36.	1

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-01

Date Collected: 11/10/14 12:30

Client ID: SB-2 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	76		0-136
4-Terphenyl-d14	80		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-02
Client ID: SB-3 (4-8')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 04:38
Analyst: JB
Percent Solids: 95%

Date Collected: 11/10/14 14:15
Date Received: 11/10/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/19/14 19:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-02

Date Collected: 11/10/14 14:15

Client ID: SB-3 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	35.	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	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	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	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-02

Date Collected: 11/10/14 14:15

Client ID: SB-3 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	105		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-03
Client ID: SB-4 (4-8')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 05:05
Analyst: JB
Percent Solids: 95%

Date Collected: 11/10/14 15:00
Date Received: 11/10/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/19/14 19:55

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	44.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03

Date Collected: 11/10/14 15:00

Client ID: SB-4 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	35.	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	34.	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	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	56.	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	56.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03

Date Collected: 11/10/14 15:00

Client ID: SB-4 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	64		0-136
4-Terphenyl-d14	72		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-04
Client ID: SB-40 (4-8')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 05:32
Analyst: JB
Percent Solids: 95%

Date Collected: 11/10/14 15:00
Date Received: 11/10/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/19/14 19:55

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	44.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-04

Date Collected: 11/10/14 15:00

Client ID: SB-40 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

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	35.	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	34.	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	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	56.	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	56.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427018-04

Date Collected: 11/10/14 15:00

Client ID: SB-40 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	65		0-136
4-Terphenyl-d14	74		18-120

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/20/14 18:46
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 11/19/14 19:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG742119-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
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	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	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	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	35.
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	41.
Diethyl phthalate	ND		ug/kg	160	35.

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/20/14 18:46
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 11/19/14 19:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG742119-1					
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	55.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/20/14 18:46
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 11/19/14 19:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG742119-1					
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	36.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	113		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427018

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG742119-2 WG742119-3								
Acenaphthene	62		55		31-137	12		50
1,2,4-Trichlorobenzene	64		56		38-107	13		50
Hexachlorobenzene	67		59		40-140	13		50
Bis(2-chloroethyl)ether	65		58		40-140	11		50
2-Chloronaphthalene	71		61		40-140	15		50
1,2-Dichlorobenzene	63		58		40-140	8		50
1,3-Dichlorobenzene	61		56		40-140	9		50
1,4-Dichlorobenzene	62		56		28-104	10		50
3,3'-Dichlorobenzidine	43		42		40-140	2		50
2,4-Dinitrotoluene	73		62		28-89	16		50
2,6-Dinitrotoluene	77		67		40-140	14		50
Fluoranthene	69		60		40-140	14		50
4-Chlorophenyl phenyl ether	65		57		40-140	13		50
4-Bromophenyl phenyl ether	67		58		40-140	14		50
Bis(2-chloroisopropyl)ether	69		61		40-140	12		50
Bis(2-chloroethoxy)methane	74		65		40-117	13		50
Hexachlorobutadiene	58		51		40-140	13		50
Hexachlorocyclopentadiene	67		57		40-140	16		50
Hexachloroethane	60		51		40-140	16		50
Isophorone	77		67		40-140	14		50
Naphthalene	61		53		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427018

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG742119-2 WG742119-3								
Nitrobenzene	63		55		40-140	14		50
NitrosoDiPhenylAmine(NDPA)/DPA	74		64			14		50
n-Nitrosodi-n-propylamine	78		68		32-121	14		50
Bis(2-Ethylhexyl)phthalate	66		58		40-140	13		50
Butyl benzyl phthalate	75		65		40-140	14		50
Di-n-butylphthalate	69		60		40-140	14		50
Di-n-octylphthalate	68		58		40-140	16		50
Diethyl phthalate	70		60		40-140	15		50
Dimethyl phthalate	68		59		40-140	14		50
Benzo(a)anthracene	63		56		40-140	12		50
Benzo(a)pyrene	64		55		40-140	15		50
Benzo(b)fluoranthene	58		53		40-140	9		50
Benzo(k)fluoranthene	64		55		40-140	15		50
Chrysene	63		55		40-140	14		50
Acenaphthylene	73		63		40-140	15		50
Anthracene	64		57		40-140	12		50
Benzo(ghi)perylene	63		54		40-140	15		50
Fluorene	67		59		40-140	13		50
Phenanthrene	64		58		40-140	10		50
Dibenzo(a,h)anthracene	63		55		40-140	14		50
Indeno(1,2,3-cd)Pyrene	63		55		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427018

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG742119-2 WG742119-3								
Pyrene	68		61		35-142	11		50
Biphenyl	64		56			13		50
4-Chloroaniline	45		43		40-140	5		50
2-Nitroaniline	82		72		47-134	13		50
3-Nitroaniline	52		54		26-129	4		50
4-Nitroaniline	73		66		41-125	10		50
Dibenzofuran	68		59		40-140	14		50
2-Methylnaphthalene	72		62		40-140	15		50
1,2,4,5-Tetrachlorobenzene	61		52		40-117	16		50
Acetophenone	78		69		14-144	12		50
2,4,6-Trichlorophenol	82		70		30-130	16		50
P-Chloro-M-Cresol	86		73		26-103	16		50
2-Chlorophenol	76		66		25-102	14		50
2,4-Dichlorophenol	78		67		30-130	15		50
2,4-Dimethylphenol	90		79		30-130	13		50
2-Nitrophenol	82		73		30-130	12		50
4-Nitrophenol	89		74		11-114	18		50
2,4-Dinitrophenol	26		29		4-130	11		50
4,6-Dinitro-o-cresol	68		57		10-130	18		50
Pentachlorophenol	65		56		17-109	15		50
Phenol	80		71		26-90	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG742119-2 WG742119-3								
2-Methylphenol	82		72		30-130.	13		50
3-Methylphenol/4-Methylphenol	83		75		30-130	10		50
2,4,5-Trichlorophenol	88		76		30-130	15		50
Benzoic Acid	4	Q	7	Q		45		50
Benzyl Alcohol	82		74		40-140	10		50
Carbazole	72		64		54-128	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		64		25-120
Phenol-d6	81		70		10-120
Nitrobenzene-d5	77		66		23-120
2-Fluorobiphenyl	77		64		30-120
2,4,6-Tribromophenol	70		60		0-136
4-Terphenyl-d14	79		66		18-120

INORGANICS & MISCELLANEOUS

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427018

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-01

Client ID: SB-2 (4-8')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/10/14 12:30

Date Received: 11/10/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/13/14 22:07	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	96.2		%	0.100	NA	1	-	11/12/14 01:49	30,2540G	RT



Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-02

Date Collected: 11/10/14 14:15

Client ID: SB-3 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/13/14 22:21	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	11/12/14 01:49	30,2540G	RT



Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-03

Date Collected: 11/10/14 15:00

Client ID: SB-4 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/13/14 22:26	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	11/12/14 01:49	30,2540G	RT



Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427018-04

Date Collected: 11/10/14 15:00

Client ID: SB-40 (4-8')

Date Received: 11/10/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/13/14 22:31	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	11/12/14 01:49	30,2540G	RT



Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab for sample(s): 01-04 Batch: WG741991-1										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/13/14 20:33	13,-	LC

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG741991-4 QC Sample: L1427018-01 Client ID: SB-2 (4-8')												
Total Organic Carbon	ND	1.15	1.12	98		-	-		75-125	-		25

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1427018
Report Date: 11/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG739645-1 QC Sample: L1427008-11 Client ID: DUP Sample						
Solids, Total	89.8	89.6	%	0		20
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG741991-3 QC Sample: L1427018-01 Client ID: SB-2 (4-8')						
Total Organic Carbon	ND	ND	%	NC		25

Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14**S.R.M. Standard Quality Control**

Standard Reference Material (SRM): WG741991-2

Parameter	% Recovery	Qual	QC Criteria
Total Organic Carbon	90		75-125

Project Name: 9W / BOICES LANE

Lab Number: L1427018

Project Number: 31.0180004.00

Report Date: 11/24/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/11/2014 02:49

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427018-01A	Vial MeOH preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-01B	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-01C	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-01D	Amber 100ml unpreserved	A	N/A	3.7	Y	Absent	TS(7)
L1427018-01E	Amber 250ml unpreserved	A	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1427018-01F	Amber 120ml unpreserved	A	N/A	3.7	Y	Absent	A2-TOC-LK(14)
L1427018-02A	Vial MeOH preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-02B	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-02C	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-02D	Amber 100ml unpreserved	A	N/A	3.7	Y	Absent	TS(7)
L1427018-02E	Amber 250ml unpreserved	A	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1427018-02F	Amber 120ml unpreserved	A	N/A	3.7	Y	Absent	A2-TOC-LK(14)
L1427018-03A	Vial MeOH preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-03B	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-03C	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-03D	Amber 100ml unpreserved	A	N/A	3.7	Y	Absent	TS(7)
L1427018-03E	Amber 250ml unpreserved	A	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1427018-03F	Amber 120ml unpreserved	A	N/A	3.7	Y	Absent	A2-TOC-LK(14)
L1427018-04A	Vial MeOH preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-04B	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-04C	Vial water preserved	A	N/A	3.7	Y	Absent	NYTCL-8260HLW(14)
L1427018-04D	Amber 100ml unpreserved	A	N/A	3.7	Y	Absent	TS(7)
L1427018-04E	Amber 250ml unpreserved	A	N/A	3.7	Y	Absent	NYTCL-8270(14)
L1427018-04F	Amber 120ml unpreserved	A	N/A	3.7	Y	Absent	A2-TOC-LK(14)

*Values in parentheses indicate holding time in days



Project Name: 9W / BOICES LANE**Lab Number:** L1427018**Project Number:** 31.0180004.00**Report Date:** 11/24/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427018
Report Date: 11/24/14

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.

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427018
Report Date: 11/24/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 13 Determination of Total Organic Carbon in Sediment. U.S. EPA, Region II. July 27, 1988.
- 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, SM4500CI-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.

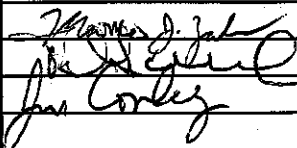
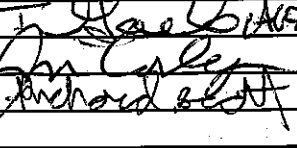
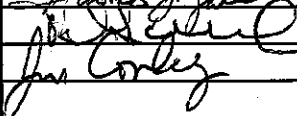
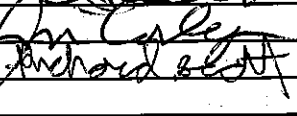
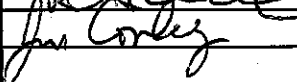
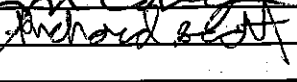
EPA 624: Volatile Halocarbons & Aromatics,

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		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 11/11/14		ALPHA Job # LM22018			
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		Project Information Project Name: 9W / Boies Lane Project Location: Kingston, NY Project # 31.018 0009.00 (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: Palmetto Group (G2A) Address: 6296 Fly Road East Syracuse, NY 13057 Phone: (315) 800-1869 Fax: Email: matthew.zabik@g2a.com		Project Manager: Ben Hatt ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ 11/25/14 Due Date: # of Days:		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:						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) N/A		Total Bottle	
Please specify Metals or TAL.											
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials			
25018/1		SB-2 (4-8')		11/10/14 1230		Soil		MTL		X	X
2		SB-3 (4-8')		11/10/14 1415		Soil		MTL		X	X
3		SB-4 (4-8')		11/10/14 1500		Soil		MTL		X	X
4		SB-40 (4-8')		11/10/14 1500		Soil		MTL		X	X
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 V A A		Preservative F/O A A		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.)	
		Relinquished By:		Date/Time		Received By:		Date/Time			
				11/10/14 1617				11/10/14 1617			
				11/10/14 2230				11/10/14 2230			
				11/11/14 0119				11/11/14 0119			



ANALYTICAL REPORT

Lab Number:	L1422039
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W BOICES LANE
Project Number:	31.018004.00
Report Date:	10/03/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1422039-01	SB-5 (8-10)	SOIL	KINGSTON, NY	09/19/14 14:45	09/19/14
L1422039-02	SB-5 (16-18)	SOIL	KINGSTON, NY	09/19/14 15:00	09/19/14

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

Case Narrative (continued)

Report Submission

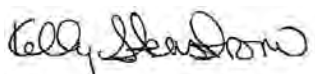
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG726819-2 LCS recovery, associated with L1422039-01 and -02, is below the acceptance criteria for benzoic acid (9%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/03/14

ORGANICS

VOLATILES

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01
Client ID: SB-5 (8-10)
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/02/14 14:03
Analyst: BN
Percent Solids: 85%

Date Collected: 09/19/14 14:45
Date Received: 09/19/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.28	1
Tetrachloroethene	3.4		ug/kg	0.93	0.13	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	1.7	J	ug/kg	4.6	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.10	1
Bromodichloromethane	ND		ug/kg	0.93	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.93	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.13	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.09	1
Benzene	ND		ug/kg	0.93	0.11	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.12	1
Chloromethane	ND		ug/kg	4.6	0.27	1
Bromomethane	ND		ug/kg	1.9	0.31	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.93	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.14	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01

Date Collected: 09/19/14 14:45

Client ID: SB-5 (8-10)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

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	4.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.18	1
o-Xylene	ND		ug/kg	1.9	0.16	1
Xylene (Total)	ND		ug/kg	1.9	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.13	1
1,2-Dichloroethene (total)	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	9.3	0.15	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.18	1
Acetone	ND		ug/kg	9.3	0.96	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.25	1
Vinyl acetate	ND		ug/kg	9.3	0.12	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.3	0.15	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
Bromochloromethane	ND		ug/kg	4.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.16	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.93	0.30	1
Bromobenzene	ND		ug/kg	4.6	0.19	1
n-Butylbenzene	ND		ug/kg	0.93	0.11	1
sec-Butylbenzene	ND		ug/kg	0.93	0.11	1
tert-Butylbenzene	ND		ug/kg	4.6	0.13	1
o-Chlorotoluene	ND		ug/kg	4.6	0.15	1
p-Chlorotoluene	ND		ug/kg	4.6	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.37	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.21	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.12	1
Naphthalene	ND		ug/kg	4.6	0.13	1
Acrylonitrile	ND		ug/kg	9.3	0.48	1
n-Propylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.13	1

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01
Client ID: SB-5 (8-10)
Sample Location: KINGSTON, NY

Date Collected: 09/19/14 14:45
Date Received: 09/19/14
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	4.6	0.13	1
1,4-Dioxane	ND		ug/kg	93	13.	1
1,4-Diethylbenzene	ND		ug/kg	3.7	0.15	1
4-Ethyltoluene	ND		ug/kg	3.7	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.12	1
Ethyl ether	ND		ug/kg	4.6	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	101		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-02
Client ID: SB-5 (16-18)
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/02/14 14:29
Analyst: BN
Percent Solids: 82%

Date Collected: 09/19/14 15:00
Date Received: 09/19/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.7	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.97	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.97	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.97	0.14	1
Chlorobenzene	ND		ug/kg	0.97	0.34	1
Trichlorofluoromethane	1.0	J	ug/kg	4.8	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	0.11	1
Bromodichloromethane	ND		ug/kg	0.97	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	0.10	1
Benzene	ND		ug/kg	0.97	0.11	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	ND		ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.97	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-02

Date Collected: 09/19/14 15:00

Client ID: SB-5 (16-18)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

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	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.17	1
Xylene (Total)	ND		ug/kg	1.9	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.97	0.14	1
Dibromomethane	ND		ug/kg	9.7	0.16	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.18	1
Acetone	15		ug/kg	9.7	1.0	1
Carbon disulfide	ND		ug/kg	9.7	1.1	1
2-Butanone	2.3	J	ug/kg	9.7	0.26	1
Vinyl acetate	ND		ug/kg	9.7	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	0.16	1
2-Hexanone	ND		ug/kg	9.7	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.20	1
n-Butylbenzene	ND		ug/kg	0.97	0.11	1
sec-Butylbenzene	ND		ug/kg	0.97	0.12	1
tert-Butylbenzene	ND		ug/kg	4.8	0.13	1
o-Chlorotoluene	ND		ug/kg	4.8	0.15	1
p-Chlorotoluene	ND		ug/kg	4.8	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.22	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.12	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.7	0.50	1
n-Propylbenzene	ND		ug/kg	0.97	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.14	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-02

Date Collected: 09/19/14 15:00

Client ID: SB-5 (16-18)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

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	4.8	0.14	1
1,4-Dioxane	ND		ug/kg	97	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.15	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	102		70-130

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/02/14 09:08

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					
Methylene chloride	3.3	J	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
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	0.32	J	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
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/02/14 09:08

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					
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	1.2	J	ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	1.2	J	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	1.7	J	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
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/02/14 09:08
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					
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	1.5	J	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: 9W BOICES LANE**Lab Number:** L1422039**Project Number:** 31.018004.00**Report Date:** 10/03/14**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/02/14 09:08

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

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: WG727775-1 WG727775-2								
Methylene chloride	101		79		70-130	24		30
1,1-Dichloroethane	93		87		70-130	7		30
Chloroform	92		86		70-130	7		30
Carbon tetrachloride	85		76		70-130	11		30
1,2-Dichloropropane	90		86		70-130	5		30
Dibromochloromethane	85		83		70-130	2		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	86		79		70-130	8		30
Chlorobenzene	90		85		70-130	6		30
Trichlorofluoromethane	112		94		70-139	17		30
1,2-Dichloroethane	99		94		70-130	5		30
1,1,1-Trichloroethane	91		82		70-130	10		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	96		94		70-130	2		30
cis-1,3-Dichloropropene	89		87		70-130	2		30
1,1-Dichloropropene	89		80		70-130	11		30
Bromoform	89		86		70-130	3		30
1,1,2,2-Tetrachloroethane	102		97		70-130	5		30
Benzene	85		78		70-130	9		30
Toluene	89		82		70-130	8		30
Ethylbenzene	97		87		70-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

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: WG727775-1 WG727775-2								
Chloromethane	106		96		52-130	10		30
Bromomethane	143		124		57-147	14		30
Vinyl chloride	108		94		67-130	14		30
Chloroethane	109		98		50-151	11		30
1,1-Dichloroethene	86		77		65-135	11		30
trans-1,2-Dichloroethene	83		77		70-130	8		30
Trichloroethene	88		79		70-130	11		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	92		87		70-130	6		30
1,4-Dichlorobenzene	90		87		70-130	3		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	92		79		70-130	15		30
o-Xylene	90		76		70-130	17		30
cis-1,2-Dichloroethene	86		80		70-130	7		30
Dibromomethane	90		86		70-130	5		30
Styrene	90		80		70-130	12		30
Dichlorodifluoromethane	78		67		30-146	15		30
Acetone	118		112		54-140	5		30
Carbon disulfide	87		80		59-130	8		30
2-Butanone	110		103		70-130	7		30
Vinyl acetate	107		105		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

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: WG727775-1 WG727775-2								
4-Methyl-2-pentanone	90		90		70-130	0		30
1,2,3-Trichloropropane	103		98		68-130	5		30
2-Hexanone	110		106		70-130	4		30
Bromochloromethane	86		81		70-130	6		30
2,2-Dichloropropane	94		83		70-130	12		30
1,2-Dibromoethane	89		89		70-130	0		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	91		85		70-130	7		30
Bromobenzene	94		88		70-130	7		30
n-Butylbenzene	93		88		70-130	6		30
sec-Butylbenzene	91		82		70-130	10		30
tert-Butylbenzene	92		82		70-130	11		30
o-Chlorotoluene	100		89		70-130	12		30
p-Chlorotoluene	100		92		70-130	8		30
1,2-Dibromo-3-chloropropane	92		90		68-130	2		30
Hexachlorobutadiene	90		78		67-130	14		30
Isopropylbenzene	91		78		70-130	15		30
p-Isopropyltoluene	91		82		70-130	10		30
Naphthalene	88		84		70-130	5		30
Acrylonitrile	104		99		70-130	5		30
Isopropyl Ether	106		102		66-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

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: WG727775-1 WG727775-2								
tert-Butyl Alcohol	85		86		70-130	1		30
n-Propylbenzene	98		86		70-130	13		30
1,2,3-Trichlorobenzene	96		90		70-130	6		30
1,2,4-Trichlorobenzene	96		88		70-130	9		30
1,3,5-Trimethylbenzene	94		84		70-130	11		30
1,2,4-Trimethylbenzene	92		85		70-130	8		30
Methyl Acetate	109		108		51-146	1		30
Ethyl Acetate	107		95		70-130	12		30
Acrolein	262	Q	107		70-130	84	Q	30
Cyclohexane	92		80		59-142	14		30
1,4-Dioxane	90		90		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	89		80		50-139	11		30
1,4-Diethylbenzene	80		74		70-130	8		30
4-Ethyltoluene	84		74		70-130	13		30
1,2,4,5-Tetramethylbenzene	82		76		70-130	8		30
Tetrahydrofuran	105		102		66-130	3		30
Ethyl ether	119		107		67-130	11		30
trans-1,4-Dichloro-2-butene	100		91		70-130	9		30
Methyl cyclohexane	86		75		70-130	14		30
Ethyl-Tert-Butyl-Ether	95		93		70-130	2		30
Tertiary-Amyl Methyl Ether	90		87		70-130	3		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W BOICES LANE**Lab Number:** L1422039**Project Number:** 31.018004.00**Report Date:** 10/03/14

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: WG727775-1 WG727775-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		113		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	114		109		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01
Client ID: SB-5 (8-10)
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/02/14 15:48
Analyst: JB
Percent Solids: 85%

Date Collected: 09/19/14 14:45
Date Received: 09/19/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/30/14 22:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	61.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	ND		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01

Date Collected: 09/19/14 14:45

Client ID: SB-5 (8-10)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

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	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	39.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1
Chrysene	ND		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	ND		ug/kg	120	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	55.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	43.	1
Pyrene	ND		ug/kg	120	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	41.	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01

Date Collected: 09/19/14 14:45

Client ID: SB-5 (8-10)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	75		18-120

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-02
Client ID: SB-5 (16-18)
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/02/14 16:13
Analyst: JB
Percent Solids: 82%

Date Collected: 09/19/14 15:00
Date Received: 09/19/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/30/14 22:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	65.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-02

Date Collected: 09/19/14 15:00

Client ID: SB-5 (16-18)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

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	39.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	ND		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	44.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	55.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	67.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	430	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	960	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	73.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	59.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 9W BOICES LANE**Lab Number:** L1422039**Project Number:** 31.018004.00**Report Date:** 10/03/14**SAMPLE RESULTS**

Lab ID: L1422039-02

Date Collected: 09/19/14 15:00

Client ID: SB-5 (16-18)

Date Received: 09/19/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	66		0-136
4-Terphenyl-d14	63		18-120

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/01/14 11:18
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 09/30/14 22:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG726819-1					
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: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/01/14 11:18
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 09/30/14 22:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG726819-1					
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	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/01/14 11:18
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 09/30/14 22:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG726819-1					
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.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	115		25-120
Phenol-d6	123	Q	10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	127		0-136
4-Terphenyl-d14	122	Q	18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726819-2 WG726819-3								
Acenaphthene	98		81		31-137	19		50
1,2,4-Trichlorobenzene	99		82		38-107	19		50
Hexachlorobenzene	100		84		40-140	17		50
Bis(2-chloroethyl)ether	86		74		40-140	15		50
2-Chloronaphthalene	95		84		40-140	12		50
1,2-Dichlorobenzene	92		76		40-140	19		50
1,3-Dichlorobenzene	91		78		40-140	15		50
1,4-Dichlorobenzene	94		76		28-104	21		50
3,3'-Dichlorobenzidine	84		74		40-140	13		50
2,4-Dinitrotoluene	96	Q	83		28-89	15		50
2,6-Dinitrotoluene	92		79		40-140	15		50
Fluoranthene	106		91		40-140	15		50
4-Chlorophenyl phenyl ether	99		82		40-140	19		50
4-Bromophenyl phenyl ether	98		85		40-140	14		50
Bis(2-chloroisopropyl)ether	92		78		40-140	16		50
Bis(2-chloroethoxy)methane	87		75		40-117	15		50
Hexachlorobutadiene	92		80		40-140	14		50
Hexachlorocyclopentadiene	105		86		40-140	20		50
Hexachloroethane	84		68		40-140	21		50
Isophorone	83		72		40-140	14		50
Naphthalene	92		77		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726819-2 WG726819-3								
Nitrobenzene	90		80		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	104		89			16		50
n-Nitrosodi-n-propylamine	95		76		32-121	22		50
Bis(2-Ethylhexyl)phthalate	98		86		40-140	13		50
Butyl benzyl phthalate	100		85		40-140	16		50
Di-n-butylphthalate	100		85		40-140	16		50
Di-n-octylphthalate	103		90		40-140	13		50
Diethyl phthalate	98		82		40-140	18		50
Dimethyl phthalate	96		81		40-140	17		50
Benzo(a)anthracene	100		85		40-140	16		50
Benzo(a)pyrene	101		87		40-140	15		50
Benzo(b)fluoranthene	101		88		40-140	14		50
Benzo(k)fluoranthene	98		85		40-140	14		50
Chrysene	98		84		40-140	15		50
Acenaphthylene	93		78		40-140	18		50
Anthracene	101		86		40-140	16		50
Benzo(ghi)perylene	101		88		40-140	14		50
Fluorene	100		82		40-140	20		50
Phenanthrene	105		88		40-140	18		50
Dibenzo(a,h)anthracene	102		90		40-140	13		50
Indeno(1,2,3-cd)Pyrene	102		91		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726819-2 WG726819-3								
Pyrene	102		86		35-142	17		50
Biphenyl	105		84			22		50
4-Chloroaniline	98		79		40-140	21		50
2-Nitroaniline	98		89		47-134	10		50
3-Nitroaniline	86		71		26-129	19		50
4-Nitroaniline	101		84		41-125	18		50
Dibenzofuran	104		86		40-140	19		50
2-Methylnaphthalene	99		84		40-140	16		50
1,2,4,5-Tetrachlorobenzene	104		87		40-117	18		50
Acetophenone	95		80		14-144	17		50
2,4,6-Trichlorophenol	100		88		30-130	13		50
P-Chloro-M-Cresol	100		88		26-103	13		50
2-Chlorophenol	106	Q	86		25-102	21		50
2,4-Dichlorophenol	110		91		30-130	19		50
2,4-Dimethylphenol	99		86		30-130	14		50
2-Nitrophenol	103		84		30-130	20		50
4-Nitrophenol	118	Q	96		11-114	21		50
2,4-Dinitrophenol	42		48		4-130	13		50
4,6-Dinitro-o-cresol	105		93		10-130	12		50
Pentachlorophenol	115	Q	102		17-109	12		50
Phenol	95	Q	82		26-90	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726819-2 WG726819-3								
2-Methylphenol	102		85		30-130.	18		50
3-Methylphenol/4-Methylphenol	100		86		30-130	15		50
2,4,5-Trichlorophenol	102		90		30-130	13		50
Benzoic Acid	9	Q	11			22		50
Benzyl Alcohol	96		86		40-140	11		50
Carbazole	108		91		54-128	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	104		88		25-120
Phenol-d6	107		89		10-120
Nitrobenzene-d5	102		84		23-120
2-Fluorobiphenyl	103		85		30-120
2,4,6-Tribromophenol	111		102		0-136
4-Terphenyl-d14	105		90		18-120

INORGANICS & MISCELLANEOUS

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422039-01

Client ID: SB-5 (8-10)

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 09/19/14 14:45

Date Received: 09/19/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.112		%	0.050	0.050	1	-	09/25/14 10:03	13,-	YX
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	09/20/14 02:40	30,2540G	RT



Project Name: 9W BOICES LANE**Project Number:** 31.018004.00**Lab Number:** L1422039**Report Date:** 10/03/14**SAMPLE RESULTS****Lab ID:** L1422039-02**Client ID:** SB-5 (16-18)**Sample Location:** KINGSTON, NY**Matrix:** Soil**Date Collected:** 09/19/14 15:00**Date Received:** 09/19/14**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.200		%	0.050	0.050	1	-	09/25/14 10:03	13,-	YX
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	09/20/14 02:40	30,2540G	RT



Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab for sample(s): 01-02 Batch: WG726203-1										
Total Organic Carbon	ND		%	0.050	0.050	1	-	09/25/14 10:03	13,-	YX

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422039

Project Number: 31.018004.00

Report Date: 10/03/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG726203-4 WG726203-5 QC Sample: L1421406-02 Client ID: MS Sample												
Total Organic Carbon	0.996	1.1	1.99	90		2.90	92		75-125	28	Q	25
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG726203-6 WG726203-7 QC Sample: L1421708-01 Client ID: MS Sample												
Total Organic Carbon	0.394	2.05	2.18	87		1.59	76		75-125	31	Q	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422039

Report Date: 10/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG723759-1 QC Sample: L1421883-01 Client ID: DUP Sample						
Solids, Total	92.2	93.7	%	2		20
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG726203-3 QC Sample: L1421406-02 Client ID: DUP Sample						
Total Organic Carbon	0.996	0.991	%	1		25

Project Name: 9W BOICES LANE**Lab Number:** L1422039**Project Number:** 31.018004.00**Report Date:** 10/03/14**S.R.M. Standard Quality Control**

Standard Reference Material (SRM): WG726203-2

Parameter	% Recovery	Qual	QC Criteria
Total Organic Carbon	101		75-125

Project Name: 9W BOICES LANE**Lab Number:** L1422039**Project Number:** 31.018004.00**Report Date:** 10/03/14**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Reagent H2O Preserved Vials Frozen on: 09/20/2014 01:36**Cooler Information Custody Seal****Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1422039-01A	Vial MeOH preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-01B	Vial water preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-01C	Vial water preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-01D	Amber 100ml unpreserved	A	N/A	2.6	Y	Absent	TS(7)
L1422039-01E	Amber 250ml unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14)
L1422039-01F	Glass 120ml unpreserved	A	NA	2.6	Y	Absent	A2-TOC-LK(14)
L1422039-02A	Vial MeOH preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-02B	Vial water preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-02C	Vial water preserved	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1422039-02D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1422039-02E	Amber 250ml unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14)
L1422039-02F	Glass 120ml unpreserved	A	NA	2.6	Y	Absent	A2-TOC-LK(14)

Container Comments

L1422039-01E

L1422039-02E

*Values in parentheses indicate holding time in days



Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

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.

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422039
Report Date: 10/03/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 13 Determination of Total Organic Carbon in Sediment. U.S. EPA, Region II. July 27, 1988.
- 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.





ANALYTICAL REPORT

Lab Number:	L1427168
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W / BOICES LANE
Project Number:	31.0180004.00
Report Date:	11/25/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427168-01	SB-7 (12-16')	SOIL	KINGSTON, NY	11/11/14 08:15	11/11/14
L1427168-02	SB-8 (12-16')	SOIL	KINGSTON, NY	11/11/14 09:00	11/11/14
L1427168-03	SB-9 (12-16')	SOIL	KINGSTON, NY	11/11/14 10:05	11/11/14
L1427168-04	SB-10 (12-16')	SOIL	KINGSTON, NY	11/11/14 11:10	11/11/14
L1427168-05	SB-11 (12-16')	SOIL	KINGSTON, NY	11/11/14 12:00	11/11/14
L1427168-06	SB-110 (12-16')	SOIL	KINGSTON, NY	11/11/14 12:00	11/11/14
L1427168-07	SB-12 (12-16')	SOIL	KINGSTON, NY	11/11/14 14:10	11/11/14
L1427168-08	MW-18 (12-16')	SOIL	KINGSTON, NY	11/11/14 15:10	11/11/14

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

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.

Volatile Organics

WG742776-4 MS: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (44%) was outside the acceptance criteria; however, the MSD achieved a similar result for 1,4-dichlorobenzene-d4 (33%), as well as a high surrogate recovery for 4-bromofluorobenzene (137%).

The WG742776-4/-5 MS/MSD recoveries, performed on L1427168-04, are outside the acceptance criteria for methylene chloride (MS 68%), 1,1-dichloroethane (MS 54%), chloroform (MS 60%), carbon tetrachloride (MS 42%), 1,2-dichloropropane (MS 62%), chlorobenzene (49%/62%), trichlorofluoromethane (MS 45%), 1,2-dichloroethane (MS 68%), 1,1,1-trichloroethane (MS 45%), bromodichloromethane (MS 64%), trans-1,3-dichloropropene (48%/43%), cis-1,3-dichloropropene (49%/50%), 1,1-dichloropropene (MS 38%), bromoform (MSD 154%), 1,1,1,2-tetrachloroethane (153%/220%), benzene (MS 50%), toluene (MS 52%), ethylbenzene (MS 48%), bromomethane (MS 44%), vinyl chloride (MS 45%), 1,1-dichloroethene (MS 40%), trans-1,2-dichloroethene (MS 44%), trichloroethene (41%/69%), 1,2-dichlorobenzene (MS 67%), 1,3-dichlorobenzene (50%/51%), 1,4-dichlorobenzene (45%/41%), p/m-xylene (MS 49%), o-xylene (MS 60%), cis-1,2-dichloroethene (MS 53%), dibromomethane (MS 67%), styrene (43%/47%), acetone (MSD 195%), carbon disulfide (MS 45%), 1,2,3-trichloropropane (138%/189%), 2,2-dichloropropane (MS 47%), 1,2-dibromoethane (63%/60%), bromobenzene (MS 67%), n-butylbenzene (55%/69%), sec-butylbenzene (MSD 166%), tert-butylbenzene (MSD 238%), p-chlorotoluene (54%/64%), 1,2-dibromo-3-chloropropane (MSD 168%), hexachlorobutadiene (MSD 182%), isopropylbenzene (MS 53%), p-isopropyltoluene (MSD 142%), naphthalene (54%/54%), n-propylbenzene (MS 64%), 1,2,3-trichlorobenzene (45%/45%), 1,2,4-trichlorobenzene (31%/26%), 1,3,5-trimethylbenzene (MSD 172%), 1,4-diethylbenzene (35%/37%), 4-ethyltoluene (37%/44%), 1,2,4,5-tetramethylbenzene (48%/52%), and trans-1,4-dichloro-2-butene (55%/46%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

The WG742776-4/-5 MS/MSD RPDs are above the acceptance criteria for methylene chloride (39%), 1,1-

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

Case Narrative (continued)

dichloroethane (63%), chloroform (47%), carbon tetrachloride (94%), 1,2-dichloropropane (37%), trichlorofluoromethane (102%), 1,1,1-trichloroethane (91%), 1,1-dichloropropene (63%), 1,1,2,2-tetrachloroethane (35%), benzene (59%), toluene (52%), ethylbenzene (45%), chloromethane (66%), bromomethane (61%), vinyl chloride (94%), chloroethane (80%), 1,1-dichloroethene (76%), trans-1,2-dichloroethene (52%), trichloroethene (49%), p/m-xylene (41%), o-xylene (43%), cis-1,2-dichloroethene (43%), dichlorodifluoromethane (108%), acetone (32%), carbon disulfide (50%), 2,2-dichloropropane (86%), 1,1,1,2-tetrachloroethane (43%), sec-butylbenzene (70%), tert-butylbenzene (86%), o-chlorotoluene (47%), 1,2-dibromo-3-chloropropane (31%), hexachlorobutadiene (72%), isopropylbenzene (59%), p-isopropyltoluene (58%), n-propylbenzene (49%), 1,3,5-trimethylbenzene (62%), and 1,2,4-trimethylbenzene (42%).

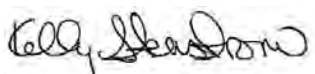
Semivolatile Organics

The WG742199-4/-5 MS/MSD recoveries, performed on L1427168-04, are outside the acceptance criteria for 2,4-dinitrotoluene (110%/110%), p-chloro-m-cresol (110%/110%), 4-nitrophenol (MSD 120%), and phenol (96%/96%).

The WG742199-4/-5 MS/MSD recoveries, performed on L1427168-04, are below the acceptance criteria for benzoic acid (0%/0%) due to the concentration of this compound falling below the reported detection limit.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 11/25/14

ORGANICS

VOLATILES

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01
 Client ID: SB-7 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/14 12:26
 Analyst: MV
 Percent Solids: 82%

Date Collected: 11/11/14 08:15
 Date Received: 11/11/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	730	81.	1
1,1-Dichloroethane	ND		ug/kg	110	6.2	1
Chloroform	ND		ug/kg	110	27.	1
Carbon tetrachloride	ND		ug/kg	73	15.	1
1,2-Dichloropropane	ND		ug/kg	260	17.	1
Dibromochloromethane	ND		ug/kg	73	11.	1
1,1,2-Trichloroethane	ND		ug/kg	110	22.	1
Tetrachloroethene	5000		ug/kg	73	10.	1
Chlorobenzene	ND		ug/kg	73	25.	1
Trichlorofluoromethane	ND		ug/kg	360	28.	1
1,2-Dichloroethane	ND		ug/kg	73	8.3	1
1,1,1-Trichloroethane	ND		ug/kg	73	8.1	1
Bromodichloromethane	ND		ug/kg	73	13.	1
trans-1,3-Dichloropropene	ND		ug/kg	73	8.8	1
cis-1,3-Dichloropropene	ND		ug/kg	73	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	73	8.6	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	73	7.4	1
Benzene	ND		ug/kg	73	8.6	1
Toluene	ND		ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	73	9.3	1
Chloromethane	84	J	ug/kg	360	21.	1
Bromomethane	66	J	ug/kg	150	25.	1
Vinyl chloride	ND		ug/kg	150	8.6	1
Chloroethane	ND		ug/kg	150	23.	1
1,1-Dichloroethene	ND		ug/kg	73	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	15.	1
Trichloroethene	ND		ug/kg	73	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	360	11.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01

Date Collected: 11/11/14 08:15

Client ID: SB-7 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	9.9	1
1,4-Dichlorobenzene	ND		ug/kg	360	10.	1
Methyl tert butyl ether	ND		ug/kg	150	6.2	1
p/m-Xylene	ND		ug/kg	150	14.	1
o-Xylene	ND		ug/kg	150	12.	1
Xylene (Total)	ND		ug/kg	150	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	73	10.	1
1,2-Dichloroethene (total)	ND		ug/kg	73	10.	1
Dibromomethane	ND		ug/kg	730	12.	1
Styrene	ND		ug/kg	150	29.	1
Dichlorodifluoromethane	ND		ug/kg	730	14.	1
Acetone	ND		ug/kg	730	76.	1
Carbon disulfide	ND		ug/kg	730	80.	1
2-Butanone	ND		ug/kg	730	20.	1
Vinyl acetate	ND		ug/kg	730	9.6	1
4-Methyl-2-pentanone	ND		ug/kg	730	18.	1
1,2,3-Trichloropropane	ND		ug/kg	730	12.	1
2-Hexanone	ND		ug/kg	730	49.	1
Bromochloromethane	ND		ug/kg	360	20.	1
2,2-Dichloropropane	ND		ug/kg	360	16.	1
1,2-Dibromoethane	ND		ug/kg	290	13.	1
1,3-Dichloropropane	ND		ug/kg	360	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	73	23.	1
Bromobenzene	ND		ug/kg	360	15.	1
n-Butylbenzene	ND		ug/kg	73	8.4	1
sec-Butylbenzene	ND		ug/kg	73	8.9	1
tert-Butylbenzene	ND		ug/kg	360	9.9	1
o-Chlorotoluene	ND		ug/kg	360	12.	1
p-Chlorotoluene	ND		ug/kg	360	9.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	360	29.	1
Hexachlorobutadiene	ND		ug/kg	360	17.	1
Isopropylbenzene	ND		ug/kg	73	7.6	1
p-Isopropyltoluene	ND		ug/kg	73	9.1	1
Naphthalene	ND		ug/kg	360	10.	1
Acrylonitrile	ND		ug/kg	730	38.	1
n-Propylbenzene	ND		ug/kg	73	8.0	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01

Date Collected: 11/11/14 08:15

Client ID: SB-7 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	7300	1000	1
1,4-Diethylbenzene	ND		ug/kg	290	12.	1
4-Ethyltoluene	ND		ug/kg	290	9.0	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	290	9.5	1
Ethyl ether	ND		ug/kg	360	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	360	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02
 Client ID: SB-8 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/14 12:53
 Analyst: MV
 Percent Solids: 82%

Date Collected: 11/11/14 09:00
 Date Received: 11/11/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	660	73.	1
1,1-Dichloroethane	ND		ug/kg	99	5.7	1
Chloroform	ND		ug/kg	99	24.	1
Carbon tetrachloride	ND		ug/kg	66	14.	1
1,2-Dichloropropane	ND		ug/kg	230	15.	1
Dibromochloromethane	ND		ug/kg	66	10.	1
1,1,2-Trichloroethane	ND		ug/kg	99	20.	1
Tetrachloroethene	4000		ug/kg	66	9.3	1
Chlorobenzene	ND		ug/kg	66	23.	1
Trichlorofluoromethane	ND		ug/kg	330	26.	1
1,2-Dichloroethane	ND		ug/kg	66	7.5	1
1,1,1-Trichloroethane	ND		ug/kg	66	7.3	1
Bromodichloromethane	ND		ug/kg	66	11.	1
trans-1,3-Dichloropropene	ND		ug/kg	66	8.0	1
cis-1,3-Dichloropropene	ND		ug/kg	66	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	66	7.8	1
1,1-Dichloropropene	ND		ug/kg	330	9.4	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	66	6.7	1
Benzene	ND		ug/kg	66	7.8	1
Toluene	ND		ug/kg	99	13.	1
Ethylbenzene	ND		ug/kg	66	8.4	1
Chloromethane	49	J	ug/kg	330	19.	1
Bromomethane	46	J	ug/kg	130	22.	1
Vinyl chloride	ND		ug/kg	130	7.8	1
Chloroethane	ND		ug/kg	130	21.	1
1,1-Dichloroethene	ND		ug/kg	66	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	99	14.	1
Trichloroethene	ND		ug/kg	66	8.3	1
1,2-Dichlorobenzene	ND		ug/kg	330	10.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02

Date Collected: 11/11/14 09:00

Client ID: SB-8 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	330	8.9	1
1,4-Dichlorobenzene	ND		ug/kg	330	9.2	1
Methyl tert butyl ether	ND		ug/kg	130	5.6	1
p/m-Xylene	ND		ug/kg	130	13.	1
o-Xylene	ND		ug/kg	130	11.	1
Xylene (Total)	ND		ug/kg	130	11.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	9.4	1
1,2-Dichloroethene (total)	ND		ug/kg	66	9.4	1
Dibromomethane	ND		ug/kg	660	11.	1
Styrene	ND		ug/kg	130	26.	1
Dichlorodifluoromethane	ND		ug/kg	660	13.	1
Acetone	ND		ug/kg	660	68.	1
Carbon disulfide	ND		ug/kg	660	73.	1
2-Butanone	130	J	ug/kg	660	18.	1
Vinyl acetate	ND		ug/kg	660	8.7	1
4-Methyl-2-pentanone	ND		ug/kg	660	16.	1
1,2,3-Trichloropropane	ND		ug/kg	660	11.	1
2-Hexanone	ND		ug/kg	660	44.	1
Bromochloromethane	ND		ug/kg	330	18.	1
2,2-Dichloropropane	ND		ug/kg	330	15.	1
1,2-Dibromoethane	ND		ug/kg	260	12.	1
1,3-Dichloropropane	ND		ug/kg	330	9.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	66	21.	1
Bromobenzene	ND		ug/kg	330	14.	1
n-Butylbenzene	ND		ug/kg	66	7.6	1
sec-Butylbenzene	ND		ug/kg	66	8.1	1
tert-Butylbenzene	ND		ug/kg	330	9.0	1
o-Chlorotoluene	ND		ug/kg	330	10.	1
p-Chlorotoluene	ND		ug/kg	330	8.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	26.	1
Hexachlorobutadiene	ND		ug/kg	330	15.	1
Isopropylbenzene	ND		ug/kg	66	6.9	1
p-Isopropyltoluene	ND		ug/kg	66	8.3	1
Naphthalene	ND		ug/kg	330	9.2	1
Acrylonitrile	ND		ug/kg	660	34.	1
n-Propylbenzene	ND		ug/kg	66	7.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	9.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	330	9.5	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02

Date Collected: 11/11/14 09:00

Client ID: SB-8 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	330	9.4	1
1,4-Dioxane	ND		ug/kg	6600	950	1
1,4-Diethylbenzene	ND		ug/kg	260	10.	1
4-Ethyltoluene	ND		ug/kg	260	8.2	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	260	8.6	1
Ethyl ether	ND		ug/kg	330	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03
 Client ID: SB-9 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/14 13:20
 Analyst: MV
 Percent Solids: 76%

Date Collected: 11/11/14 10:05
 Date Received: 11/11/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	120	1
1,1-Dichloroethane	ND		ug/kg	160	9.1	1
Chloroform	ND		ug/kg	160	39.	1
Carbon tetrachloride	ND		ug/kg	110	22.	1
1,2-Dichloropropane	ND		ug/kg	370	24.	1
Dibromochloromethane	ND		ug/kg	110	16.	1
1,1,2-Trichloroethane	ND		ug/kg	160	32.	1
Tetrachloroethene	5900		ug/kg	110	15.	1
Chlorobenzene	ND		ug/kg	110	37.	1
Trichlorofluoromethane	ND		ug/kg	530	41.	1
1,2-Dichloroethane	ND		ug/kg	110	12.	1
1,1,1-Trichloroethane	ND		ug/kg	110	12.	1
Bromodichloromethane	ND		ug/kg	110	18.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	110	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	110	12.	1
1,1-Dichloropropene	ND		ug/kg	530	15.	1
Bromoform	ND		ug/kg	420	25.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	110	11.	1
Benzene	ND		ug/kg	110	12.	1
Toluene	ND		ug/kg	160	21.	1
Ethylbenzene	ND		ug/kg	110	14.	1
Chloromethane	67	J	ug/kg	530	31.	1
Bromomethane	ND		ug/kg	210	36.	1
Vinyl chloride	ND		ug/kg	210	12.	1
Chloroethane	ND		ug/kg	210	34.	1
1,1-Dichloroethene	ND		ug/kg	110	28.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	22.	1
Trichloroethene	ND		ug/kg	110	13.	1
1,2-Dichlorobenzene	ND		ug/kg	530	16.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03

Date Collected: 11/11/14 10:05

Client ID: SB-9 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	530	14.	1
1,4-Dichlorobenzene	ND		ug/kg	530	15.	1
Methyl tert butyl ether	ND		ug/kg	210	9.0	1
p/m-Xylene	ND		ug/kg	210	21.	1
o-Xylene	ND		ug/kg	210	18.	1
Xylene (Total)	ND		ug/kg	210	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	15.	1
1,2-Dichloroethene (total)	ND		ug/kg	110	15.	1
Dibromomethane	ND		ug/kg	1100	17.	1
Styrene	ND		ug/kg	210	43.	1
Dichlorodifluoromethane	ND		ug/kg	1100	20.	1
Acetone	ND		ug/kg	1100	110	1
Carbon disulfide	ND		ug/kg	1100	120	1
2-Butanone	ND		ug/kg	1100	29.	1
Vinyl acetate	ND		ug/kg	1100	14.	1
4-Methyl-2-pentanone	ND		ug/kg	1100	26.	1
1,2,3-Trichloropropane	ND		ug/kg	1100	17.	1
2-Hexanone	ND		ug/kg	1100	71.	1
Bromochloromethane	ND		ug/kg	530	29.	1
2,2-Dichloropropane	ND		ug/kg	530	24.	1
1,2-Dibromoethane	ND		ug/kg	420	18.	1
1,3-Dichloropropane	ND		ug/kg	530	15.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	110	34.	1
Bromobenzene	ND		ug/kg	530	22.	1
n-Butylbenzene	ND		ug/kg	110	12.	1
sec-Butylbenzene	ND		ug/kg	110	13.	1
tert-Butylbenzene	ND		ug/kg	530	14.	1
o-Chlorotoluene	ND		ug/kg	530	17.	1
p-Chlorotoluene	ND		ug/kg	530	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	530	42.	1
Hexachlorobutadiene	ND		ug/kg	530	24.	1
Isopropylbenzene	ND		ug/kg	110	11.	1
p-Isopropyltoluene	ND		ug/kg	110	13.	1
Naphthalene	ND		ug/kg	530	15.	1
Acrylonitrile	ND		ug/kg	1100	55.	1
n-Propylbenzene	ND		ug/kg	110	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	530	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	530	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	530	15.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03

Date Collected: 11/11/14 10:05

Client ID: SB-9 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	530	15.	1
1,4-Dioxane	ND		ug/kg	11000	1500	1
1,4-Diethylbenzene	ND		ug/kg	420	17.	1
4-Ethyltoluene	ND		ug/kg	420	13.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	420	14.	1
Ethyl ether	ND		ug/kg	530	28.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	530	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04
 Client ID: SB-10 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/14 11:07
 Analyst: MV
 Percent Solids: 85%

Date Collected: 11/11/14 11:10
 Date Received: 11/11/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.5	0.94	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.32	1
Carbon tetrachloride	ND		ug/kg	0.85	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.19	1
Dibromochloromethane	ND		ug/kg	0.85	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	7.0		ug/kg	0.85	0.12	1
Chlorobenzene	ND		ug/kg	0.85	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.09	1
Bromodichloromethane	ND		ug/kg	0.85	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.85	0.10	1
1,1-Dichloropropene	ND		ug/kg	4.2	0.12	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.09	1
Benzene	ND		ug/kg	0.85	0.10	1
Toluene	ND		ug/kg	1.3	0.16	1
Ethylbenzene	ND		ug/kg	0.85	0.11	1
Chloromethane	ND		ug/kg	4.2	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.85	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.13	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04

Date Collected: 11/11/14 11:10

Client ID: SB-10 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	4.2	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.17	1
o-Xylene	ND		ug/kg	1.7	0.15	1
Xylene (Total)	ND		ug/kg	1.7	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.12	1
1,2-Dichloroethene (total)	ND		ug/kg	0.85	0.12	1
Dibromomethane	ND		ug/kg	8.5	0.14	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.16	1
Acetone	5.0	J	ug/kg	8.5	0.88	1
Carbon disulfide	ND		ug/kg	8.5	0.94	1
2-Butanone	ND		ug/kg	8.5	0.23	1
Vinyl acetate	ND		ug/kg	8.5	0.11	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	0.21	1
1,2,3-Trichloropropane	ND		ug/kg	8.5	0.14	1
2-Hexanone	ND		ug/kg	8.5	0.57	1
Bromochloromethane	ND		ug/kg	4.2	0.24	1
2,2-Dichloropropane	ND		ug/kg	4.2	0.19	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.15	1
1,3-Dichloropropane	ND		ug/kg	4.2	0.12	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.85	0.27	1
Bromobenzene	ND		ug/kg	4.2	0.18	1
n-Butylbenzene	ND		ug/kg	0.85	0.10	1
sec-Butylbenzene	ND		ug/kg	0.85	0.10	1
tert-Butylbenzene	ND		ug/kg	4.2	0.12	1
o-Chlorotoluene	ND		ug/kg	4.2	0.14	1
p-Chlorotoluene	ND		ug/kg	4.2	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.34	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.19	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.85	0.11	1
Naphthalene	ND		ug/kg	4.2	0.12	1
Acrylonitrile	ND		ug/kg	8.5	0.44	1
n-Propylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.2	0.12	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04

Date Collected: 11/11/14 11:10

Client ID: SB-10 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	4.2	0.12	1
1,4-Dioxane	ND		ug/kg	85	12.	1
1,4-Diethylbenzene	ND		ug/kg	3.4	0.14	1
4-Ethyltoluene	ND		ug/kg	3.4	0.10	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.11	1
Ethyl ether	ND		ug/kg	4.2	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	103		70-130

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-05
Client ID: SB-11 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/21/14 13:46
Analyst: MV
Percent Solids: 79%

Date Collected: 11/11/14 12:00
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	83.	1
1,1-Dichloroethane	ND		ug/kg	110	6.4	1
Chloroform	ND		ug/kg	110	28.	1
Carbon tetrachloride	ND		ug/kg	75	16.	1
1,2-Dichloropropane	ND		ug/kg	260	17.	1
Dibromochloromethane	ND		ug/kg	75	12.	1
1,1,2-Trichloroethane	ND		ug/kg	110	23.	1
Tetrachloroethene	4900		ug/kg	75	10.	1
Chlorobenzene	ND		ug/kg	75	26.	1
Trichlorofluoromethane	ND		ug/kg	380	29.	1
1,2-Dichloroethane	ND		ug/kg	75	8.5	1
1,1,1-Trichloroethane	ND		ug/kg	75	8.3	1
Bromodichloromethane	ND		ug/kg	75	13.	1
trans-1,3-Dichloropropene	ND		ug/kg	75	9.1	1
cis-1,3-Dichloropropene	ND		ug/kg	75	8.8	1
1,3-Dichloropropene, Total	ND		ug/kg	75	8.8	1
1,1-Dichloropropene	ND		ug/kg	380	11.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	75	7.6	1
Benzene	ND		ug/kg	75	8.9	1
Toluene	ND		ug/kg	110	15.	1
Ethylbenzene	ND		ug/kg	75	9.6	1
Chloromethane	70	J	ug/kg	380	22.	1
Bromomethane	34	J	ug/kg	150	25.	1
Vinyl chloride	ND		ug/kg	150	8.8	1
Chloroethane	ND		ug/kg	150	24.	1
1,1-Dichloroethene	ND		ug/kg	75	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	16.	1
Trichloroethene	ND		ug/kg	75	9.4	1
1,2-Dichlorobenzene	ND		ug/kg	380	12.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05

Date Collected: 11/11/14 12:00

Client ID: SB-11 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	380	10.	1
1,4-Dichlorobenzene	ND		ug/kg	380	10.	1
Methyl tert butyl ether	ND		ug/kg	150	6.3	1
p/m-Xylene	ND		ug/kg	150	15.	1
o-Xylene	ND		ug/kg	150	13.	1
Xylene (Total)	ND		ug/kg	150	13.	1
cis-1,2-Dichloroethene	ND		ug/kg	75	11.	1
1,2-Dichloroethene (total)	ND		ug/kg	75	11.	1
Dibromomethane	ND		ug/kg	750	12.	1
Styrene	ND		ug/kg	150	30.	1
Dichlorodifluoromethane	ND		ug/kg	750	14.	1
Acetone	ND		ug/kg	750	78.	1
Carbon disulfide	ND		ug/kg	750	83.	1
2-Butanone	ND		ug/kg	750	20.	1
Vinyl acetate	ND		ug/kg	750	9.9	1
4-Methyl-2-pentanone	ND		ug/kg	750	18.	1
1,2,3-Trichloropropane	ND		ug/kg	750	12.	1
2-Hexanone	ND		ug/kg	750	50.	1
Bromochloromethane	ND		ug/kg	380	21.	1
2,2-Dichloropropane	ND		ug/kg	380	17.	1
1,2-Dibromoethane	ND		ug/kg	300	13.	1
1,3-Dichloropropane	ND		ug/kg	380	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	75	24.	1
Bromobenzene	ND		ug/kg	380	16.	1
n-Butylbenzene	ND		ug/kg	75	8.6	1
sec-Butylbenzene	ND		ug/kg	75	9.2	1
tert-Butylbenzene	ND		ug/kg	380	10.	1
o-Chlorotoluene	ND		ug/kg	380	12.	1
p-Chlorotoluene	ND		ug/kg	380	10.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	30.	1
Hexachlorobutadiene	ND		ug/kg	380	17.	1
Isopropylbenzene	ND		ug/kg	75	7.8	1
p-Isopropyltoluene	ND		ug/kg	75	9.4	1
Naphthalene	ND		ug/kg	380	10.	1
Acrylonitrile	ND		ug/kg	750	39.	1
n-Propylbenzene	ND		ug/kg	75	8.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	11.	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	14.	1
1,3,5-Trimethylbenzene	ND		ug/kg	380	11.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05

Date Collected: 11/11/14 12:00

Client ID: SB-11 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	380	11.	1
1,4-Dioxane	ND		ug/kg	7500	1100	1
1,4-Diethylbenzene	ND		ug/kg	300	12.	1
4-Ethyltoluene	ND		ug/kg	300	9.3	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	300	9.8	1
Ethyl ether	23	J	ug/kg	380	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	29.	1

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

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-06
Client ID: SB-110 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/21/14 14:13
Analyst: MV
Percent Solids: 80%

Date Collected: 11/11/14 12:00
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	680	75.	1
1,1-Dichloroethane	ND		ug/kg	100	5.8	1
Chloroform	ND		ug/kg	100	25.	1
Carbon tetrachloride	ND		ug/kg	68	14.	1
1,2-Dichloropropane	ND		ug/kg	240	15.	1
Dibromochloromethane	ND		ug/kg	68	10.	1
1,1,2-Trichloroethane	ND		ug/kg	100	20.	1
Tetrachloroethene	1800		ug/kg	68	9.5	1
Chlorobenzene	ND		ug/kg	68	24.	1
Trichlorofluoromethane	ND		ug/kg	340	26.	1
1,2-Dichloroethane	ND		ug/kg	68	7.7	1
1,1,1-Trichloroethane	ND		ug/kg	68	7.5	1
Bromodichloromethane	ND		ug/kg	68	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	68	8.2	1
cis-1,3-Dichloropropene	ND		ug/kg	68	8.0	1
1,3-Dichloropropene, Total	ND		ug/kg	68	8.0	1
1,1-Dichloropropene	ND		ug/kg	340	9.6	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	68	6.8	1
Benzene	ND		ug/kg	68	8.0	1
Toluene	ND		ug/kg	100	13.	1
Ethylbenzene	ND		ug/kg	68	8.6	1
Chloromethane	50	J	ug/kg	340	20.	1
Bromomethane	ND		ug/kg	140	23.	1
Vinyl chloride	ND		ug/kg	140	7.9	1
Chloroethane	ND		ug/kg	140	21.	1
1,1-Dichloroethene	ND		ug/kg	68	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	14.	1
Trichloroethene	ND		ug/kg	68	8.4	1
1,2-Dichlorobenzene	ND		ug/kg	340	10.	1



Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-06

Date Collected: 11/11/14 12:00

Client ID: SB-110 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	340	9.1	1
1,4-Dichlorobenzene	ND		ug/kg	340	9.4	1
Methyl tert butyl ether	ND		ug/kg	140	5.7	1
p/m-Xylene	ND		ug/kg	140	13.	1
o-Xylene	ND		ug/kg	140	12.	1
Xylene (Total)	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	68	9.6	1
1,2-Dichloroethene (total)	ND		ug/kg	68	9.6	1
Dibromomethane	ND		ug/kg	680	11.	1
Styrene	ND		ug/kg	140	27.	1
Dichlorodifluoromethane	ND		ug/kg	680	13.	1
Acetone	ND		ug/kg	680	70.	1
Carbon disulfide	ND		ug/kg	680	74.	1
2-Butanone	ND		ug/kg	680	18.	1
Vinyl acetate	ND		ug/kg	680	8.9	1
4-Methyl-2-pentanone	ND		ug/kg	680	16.	1
1,2,3-Trichloropropane	ND		ug/kg	680	11.	1
2-Hexanone	ND		ug/kg	680	45.	1
Bromochloromethane	ND		ug/kg	340	19.	1
2,2-Dichloropropane	ND		ug/kg	340	15.	1
1,2-Dibromoethane	ND		ug/kg	270	12.	1
1,3-Dichloropropane	ND		ug/kg	340	9.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	68	22.	1
Bromobenzene	ND		ug/kg	340	14.	1
n-Butylbenzene	ND		ug/kg	68	7.8	1
sec-Butylbenzene	ND		ug/kg	68	8.2	1
tert-Butylbenzene	ND		ug/kg	340	9.2	1
o-Chlorotoluene	ND		ug/kg	340	11.	1
p-Chlorotoluene	ND		ug/kg	340	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	27.	1
Hexachlorobutadiene	ND		ug/kg	340	15.	1
Isopropylbenzene	ND		ug/kg	68	7.0	1
p-Isopropyltoluene	ND		ug/kg	68	8.4	1
Naphthalene	ND		ug/kg	340	9.4	1
Acrylonitrile	ND		ug/kg	680	35.	1
n-Propylbenzene	ND		ug/kg	68	7.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	10.	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	340	9.7	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-06

Date Collected: 11/11/14 12:00

Client ID: SB-110 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	340	9.6	1
1,4-Dioxane	ND		ug/kg	6800	980	1
1,4-Diethylbenzene	ND		ug/kg	270	11.	1
4-Ethyltoluene	ND		ug/kg	270	8.4	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	270	8.8	1
Ethyl ether	ND		ug/kg	340	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-07
Client ID: SB-12 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/21/14 14:39
Analyst: MV
Percent Solids: 80%

Date Collected: 11/11/14 14:10
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	680	75.	1
1,1-Dichloroethane	ND		ug/kg	100	5.8	1
Chloroform	ND		ug/kg	100	25.	1
Carbon tetrachloride	ND		ug/kg	68	14.	1
1,2-Dichloropropane	ND		ug/kg	240	15.	1
Dibromochloromethane	ND		ug/kg	68	10.	1
1,1,2-Trichloroethane	ND		ug/kg	100	21.	1
Tetrachloroethene	2100		ug/kg	68	9.5	1
Chlorobenzene	ND		ug/kg	68	24.	1
Trichlorofluoromethane	ND		ug/kg	340	26.	1
1,2-Dichloroethane	ND		ug/kg	68	7.7	1
1,1,1-Trichloroethane	ND		ug/kg	68	7.5	1
Bromodichloromethane	ND		ug/kg	68	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	68	8.2	1
cis-1,3-Dichloropropene	ND		ug/kg	68	8.0	1
1,3-Dichloropropene, Total	ND		ug/kg	68	8.0	1
1,1-Dichloropropene	ND		ug/kg	340	9.6	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	68	6.8	1
Benzene	ND		ug/kg	68	8.0	1
Toluene	ND		ug/kg	100	13.	1
Ethylbenzene	ND		ug/kg	68	8.6	1
Chloromethane	38	J	ug/kg	340	20.	1
Bromomethane	ND		ug/kg	140	23.	1
Vinyl chloride	ND		ug/kg	140	8.0	1
Chloroethane	ND		ug/kg	140	21.	1
1,1-Dichloroethene	ND		ug/kg	68	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	14.	1
Trichloroethene	ND		ug/kg	68	8.5	1
1,2-Dichlorobenzene	ND		ug/kg	340	10.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07

Date Collected: 11/11/14 14:10

Client ID: SB-12 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	340	9.2	1
1,4-Dichlorobenzene	ND		ug/kg	340	9.4	1
Methyl tert butyl ether	ND		ug/kg	140	5.7	1
p/m-Xylene	ND		ug/kg	140	13.	1
o-Xylene	ND		ug/kg	140	12.	1
Xylene (Total)	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	68	9.7	1
1,2-Dichloroethene (total)	ND		ug/kg	68	9.7	1
Dibromomethane	ND		ug/kg	680	11.	1
Styrene	ND		ug/kg	140	27.	1
Dichlorodifluoromethane	ND		ug/kg	680	13.	1
Acetone	ND		ug/kg	680	70.	1
Carbon disulfide	ND		ug/kg	680	75.	1
2-Butanone	ND		ug/kg	680	18.	1
Vinyl acetate	ND		ug/kg	680	9.0	1
4-Methyl-2-pentanone	ND		ug/kg	680	16.	1
1,2,3-Trichloropropane	ND		ug/kg	680	11.	1
2-Hexanone	ND		ug/kg	680	45.	1
Bromochloromethane	ND		ug/kg	340	19.	1
2,2-Dichloropropane	ND		ug/kg	340	15.	1
1,2-Dibromoethane	ND		ug/kg	270	12.	1
1,3-Dichloropropane	ND		ug/kg	340	9.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	68	22.	1
Bromobenzene	ND		ug/kg	340	14.	1
n-Butylbenzene	ND		ug/kg	68	7.8	1
sec-Butylbenzene	ND		ug/kg	68	8.3	1
tert-Butylbenzene	ND		ug/kg	340	9.2	1
o-Chlorotoluene	ND		ug/kg	340	11.	1
p-Chlorotoluene	ND		ug/kg	340	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	27.	1
Hexachlorobutadiene	ND		ug/kg	340	15.	1
Isopropylbenzene	ND		ug/kg	68	7.0	1
p-Isopropyltoluene	ND		ug/kg	68	8.5	1
Naphthalene	ND		ug/kg	340	9.4	1
Acrylonitrile	ND		ug/kg	680	35.	1
n-Propylbenzene	ND		ug/kg	68	7.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	10.	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	340	9.7	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07

Date Collected: 11/11/14 14:10

Client ID: SB-12 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	340	9.6	1
1,4-Dioxane	ND		ug/kg	6800	980	1
1,4-Diethylbenzene	ND		ug/kg	270	11.	1
4-Ethyltoluene	ND		ug/kg	270	8.4	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	270	8.8	1
Ethyl ether	ND		ug/kg	340	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08
 Client ID: MW-18 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/21/14 15:06
 Analyst: MV
 Percent Solids: 79%

Date Collected: 11/11/14 15:10
 Date Received: 11/11/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	740	81.	1
1,1-Dichloroethane	ND		ug/kg	110	6.3	1
Chloroform	ND		ug/kg	110	27.	1
Carbon tetrachloride	ND		ug/kg	74	15.	1
1,2-Dichloropropane	ND		ug/kg	260	17.	1
Dibromochloromethane	ND		ug/kg	74	11.	1
1,1,2-Trichloroethane	ND		ug/kg	110	22.	1
Tetrachloroethene	1500		ug/kg	74	10.	1
Chlorobenzene	ND		ug/kg	74	26.	1
Trichlorofluoromethane	ND		ug/kg	370	28.	1
1,2-Dichloroethane	ND		ug/kg	74	8.3	1
1,1,1-Trichloroethane	ND		ug/kg	74	8.2	1
Bromodichloromethane	ND		ug/kg	74	13.	1
trans-1,3-Dichloropropene	ND		ug/kg	74	8.9	1
cis-1,3-Dichloropropene	ND		ug/kg	74	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	74	8.6	1
1,1-Dichloropropene	ND		ug/kg	370	10.	1
Bromoform	ND		ug/kg	290	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	74	7.4	1
Benzene	ND		ug/kg	74	8.7	1
Toluene	ND		ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	74	9.4	1
Chloromethane	66	J	ug/kg	370	22.	1
Bromomethane	ND		ug/kg	150	25.	1
Vinyl chloride	ND		ug/kg	150	8.6	1
Chloroethane	ND		ug/kg	150	23.	1
1,1-Dichloroethene	ND		ug/kg	74	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	16.	1
Trichloroethene	ND		ug/kg	74	9.2	1
1,2-Dichlorobenzene	ND		ug/kg	370	11.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08

Date Collected: 11/11/14 15:10

Client ID: MW-18 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	370	9.9	1
1,4-Dichlorobenzene	ND		ug/kg	370	10.	1
Methyl tert butyl ether	ND		ug/kg	150	6.2	1
p/m-Xylene	ND		ug/kg	150	14.	1
o-Xylene	ND		ug/kg	150	13.	1
Xylene (Total)	ND		ug/kg	150	13.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	10.	1
1,2-Dichloroethene (total)	ND		ug/kg	74	10.	1
Dibromomethane	ND		ug/kg	740	12.	1
Styrene	ND		ug/kg	150	30.	1
Dichlorodifluoromethane	ND		ug/kg	740	14.	1
Acetone	ND		ug/kg	740	76.	1
Carbon disulfide	ND		ug/kg	740	81.	1
2-Butanone	ND		ug/kg	740	20.	1
Vinyl acetate	ND		ug/kg	740	9.7	1
4-Methyl-2-pentanone	ND		ug/kg	740	18.	1
1,2,3-Trichloropropane	ND		ug/kg	740	12.	1
2-Hexanone	ND		ug/kg	740	49.	1
Bromochloromethane	ND		ug/kg	370	20.	1
2,2-Dichloropropane	ND		ug/kg	370	17.	1
1,2-Dibromoethane	ND		ug/kg	290	13.	1
1,3-Dichloropropane	ND		ug/kg	370	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	74	23.	1
Bromobenzene	ND		ug/kg	370	15.	1
n-Butylbenzene	ND		ug/kg	74	8.4	1
sec-Butylbenzene	ND		ug/kg	74	9.0	1
tert-Butylbenzene	ND		ug/kg	370	10.	1
o-Chlorotoluene	ND		ug/kg	370	12.	1
p-Chlorotoluene	ND		ug/kg	370	9.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	29.	1
Hexachlorobutadiene	ND		ug/kg	370	17.	1
Isopropylbenzene	ND		ug/kg	74	7.6	1
p-Isopropyltoluene	ND		ug/kg	74	9.2	1
Naphthalene	ND		ug/kg	370	10.	1
Acrylonitrile	ND		ug/kg	740	38.	1
n-Propylbenzene	ND		ug/kg	74	8.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	11.	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	370	10.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08

Date Collected: 11/11/14 15:10

Client ID: MW-18 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	370	10.	1
1,4-Dioxane	ND		ug/kg	7400	1100	1
1,4-Diethylbenzene	ND		ug/kg	290	12.	1
4-Ethyltoluene	ND		ug/kg	290	9.1	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	290	9.6	1
Ethyl ether	ND		ug/kg	370	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	370	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG742776-3					
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	0.94	J	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	1.5	J	ug/kg	5.0	0.29
Bromomethane	1.3	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG742776-3					
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	1.8	J	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG742776-3					
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	0.38	J	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG742776-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/21/14 08:54
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-08 Batch: WG743166-3					
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	47	J	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	76	J	ug/kg	250	15.
Bromomethane	67	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-08 Batch: WG743166-3					
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	90	J	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/21/14 08:54
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-08 Batch: WG743166-3					
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	19	J	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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/21/14 08:54

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-08 Batch: WG743166-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG742776-1 WG742776-2								
Methylene chloride	110		105		70-130	5		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	110		107		70-130	3		30
Carbon tetrachloride	115		113		70-130	2		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	105		103		70-130	2		30
2-Chloroethylvinyl ether	354	Q	332	Q	70-130	6		30
1,1,2-Trichloroethane	108		105		70-130	3		30
Tetrachloroethene	114		112		70-130	2		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	125		122		70-139	2		30
1,2-Dichloroethane	111		108		70-130	3		30
1,1,1-Trichloroethane	113		111		70-130	2		30
Bromodichloromethane	108		105		70-130	3		30
trans-1,3-Dichloropropene	108		105		70-130	3		30
cis-1,3-Dichloropropene	110		109		70-130	1		30
1,1-Dichloropropene	115		114		70-130	1		30
Bromoform	104		101		70-130	3		30
1,1,2,2-Tetrachloroethane	109		107		70-130	2		30
Benzene	108		108		70-130	0		30
Toluene	106		103		70-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG742776-1 WG742776-2								
Ethylbenzene	108		107		70-130	1		30
Chloromethane	116		119		52-130	3		30
Bromomethane	84		83		57-147	1		30
Vinyl chloride	116		114		67-130	2		30
Chloroethane	130		125		50-151	4		30
1,1-Dichloroethene	99		102		65-135	3		30
trans-1,2-Dichloroethene	110		108		70-130	2		30
Trichloroethene	112		111		70-130	1		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	106		105		70-130	1		30
Methyl tert butyl ether	111		110		66-130	1		30
p/m-Xylene	110		108		70-130	2		30
o-Xylene	110		106		70-130	4		30
cis-1,2-Dichloroethene	110		107		70-130	3		30
Dibromomethane	110		109		70-130	1		30
Styrene	110		107		70-130	3		30
Dichlorodifluoromethane	112		110		30-146	2		30
Acetone	109		100		54-140	9		30
Carbon disulfide	94		103		59-130	9		30
2-Butanone	108		104		70-130	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG742776-1 WG742776-2								
Vinyl acetate	120		117		70-130	3		30
4-Methyl-2-pentanone	122		118		70-130	3		30
1,2,3-Trichloropropane	108		106		68-130	2		30
2-Hexanone	113		109		70-130	4		30
Bromochloromethane	109		109		70-130	0		30
2,2-Dichloropropane	115		110		70-130	4		30
1,2-Dibromoethane	109		107		70-130	2		30
1,3-Dichloropropane	108		107		69-130	1		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	102		100		70-130	2		30
n-Butylbenzene	120		118		70-130	2		30
sec-Butylbenzene	111		108		70-130	3		30
tert-Butylbenzene	107		104		70-130	3		30
o-Chlorotoluene	108		102		70-130	6		30
p-Chlorotoluene	107		105		70-130	2		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Hexachlorobutadiene	113		111		67-130	2		30
Isopropylbenzene	112		109		70-130	3		30
p-Isopropyltoluene	112		110		70-130	2		30
Naphthalene	105		100		70-130	5		30
Acrylonitrile	115		110		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG742776-1 WG742776-2								
Isopropyl Ether	109		108		66-130	1		30
tert-Butyl Alcohol	113		109		70-130	4		30
n-Propylbenzene	110		108		70-130	2		30
1,2,3-Trichlorobenzene	109		105		70-130	4		30
1,2,4-Trichlorobenzene	115		109		70-130	5		30
1,3,5-Trimethylbenzene	108		107		70-130	1		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
Methyl Acetate	108		105		51-146	3		30
Ethyl Acetate	121		115		70-130	5		30
Acrolein	118		118		70-130	0		30
Cyclohexane	120		116		59-142	3		30
1,4-Dioxane	111		109		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		116		50-139	11		30
1,4-Diethylbenzene	124		122		70-130	2		30
4-Ethyltoluene	119		116		70-130	3		30
1,2,4,5-Tetramethylbenzene	117		114		70-130	3		30
Tetrahydrofuran	119		117		66-130	2		30
Ethyl ether	116		115		67-130	1		30
trans-1,4-Dichloro-2-butene	109		106		70-130	3		30
Methyl cyclohexane	118		117		70-130	1		30
Ethyl-Tert-Butyl-Ether	109		108		70-130	1		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG742776-1 WG742776-2								
Tertiary-Amyl Methyl Ether	110		109		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-08 Batch: WG743166-1 WG743166-2								
Methylene chloride	110		105		70-130	5		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	110		107		70-130	3		30
Carbon tetrachloride	115		113		70-130	2		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	105		103		70-130	2		30
2-Chloroethylvinyl ether	354	Q	332	Q	70-130	6		30
1,1,2-Trichloroethane	108		105		70-130	3		30
Tetrachloroethene	114		112		70-130	2		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	125		122		70-139	2		30
1,2-Dichloroethane	111		108		70-130	3		30
1,1,1-Trichloroethane	113		111		70-130	2		30
Bromodichloromethane	108		105		70-130	3		30
trans-1,3-Dichloropropene	108		105		70-130	3		30
cis-1,3-Dichloropropene	110		109		70-130	1		30
1,1-Dichloropropene	115		114		70-130	1		30
Bromoform	104		101		70-130	3		30
1,1,2,2-Tetrachloroethane	109		107		70-130	2		30
Benzene	108		108		70-130	0		30
Toluene	106		103		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-08 Batch: WG743166-1 WG743166-2								
Ethylbenzene	108		107		70-130	1		30
Chloromethane	116		119		52-130	3		30
Bromomethane	84		83		57-147	1		30
Vinyl chloride	116		114		67-130	2		30
Chloroethane	130		125		50-151	4		30
1,1-Dichloroethene	99		102		65-135	3		30
trans-1,2-Dichloroethene	110		108		70-130	2		30
Trichloroethene	112		111		70-130	1		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	106		105		70-130	1		30
Methyl tert butyl ether	111		110		66-130	1		30
p/m-Xylene	110		108		70-130	2		30
o-Xylene	110		106		70-130	4		30
cis-1,2-Dichloroethene	110		107		70-130	3		30
Dibromomethane	110		109		70-130	1		30
Styrene	110		107		70-130	3		30
Dichlorodifluoromethane	112		110		30-146	2		30
Acetone	109		100		54-140	9		30
Carbon disulfide	94		103		59-130	9		30
2-Butanone	108		104		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-08 Batch: WG743166-1 WG743166-2								
Vinyl acetate	120		117		70-130	3		30
4-Methyl-2-pentanone	122		118		70-130	3		30
1,2,3-Trichloropropane	108		106		68-130	2		30
2-Hexanone	113		109		70-130	4		30
Bromochloromethane	109		109		70-130	0		30
2,2-Dichloropropane	115		110		70-130	4		30
1,2-Dibromoethane	109		107		70-130	2		30
1,3-Dichloropropane	108		107		69-130	1		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	102		100		70-130	2		30
n-Butylbenzene	120		118		70-130	2		30
sec-Butylbenzene	111		108		70-130	3		30
tert-Butylbenzene	107		104		70-130	3		30
o-Chlorotoluene	108		102		70-130	6		30
p-Chlorotoluene	107		105		70-130	2		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Hexachlorobutadiene	113		111		67-130	2		30
Isopropylbenzene	112		109		70-130	3		30
p-Isopropyltoluene	112		110		70-130	2		30
Naphthalene	105		100		70-130	5		30
Acrylonitrile	115		110		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-08 Batch: WG743166-1 WG743166-2								
Isopropyl Ether	109		108		66-130	1		30
tert-Butyl Alcohol	113		109		70-130	4		30
n-Propylbenzene	110		108		70-130	2		30
1,2,3-Trichlorobenzene	109		105		70-130	4		30
1,2,4-Trichlorobenzene	115		109		70-130	5		30
1,3,5-Trimethylbenzene	108		107		70-130	1		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
Methyl Acetate	108		105		51-146	3		30
Ethyl Acetate	121		115		70-130	5		30
Acrolein	118		118		70-130	0		30
Cyclohexane	120		116		59-142	3		30
1,4-Dioxane	111		109		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		116		50-139	11		30
1,4-Diethylbenzene	124		122		70-130	2		30
4-Ethyltoluene	119		116		70-130	3		30
1,2,4,5-Tetramethylbenzene	117		114		70-130	3		30
Tetrahydrofuran	119		117		66-130	2		30
Ethyl ether	116		115		67-130	1		30
trans-1,4-Dichloro-2-butene	109		106		70-130	3		30
Methyl cyclohexane	118		117		70-130	1		30
Ethyl-Tert-Butyl-Ether	109		108		70-130	1		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-08 Batch: WG743166-1 WG743166-2								
Tertiary-Amyl Methyl Ether	110		109		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG742776-4 WG742776-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Methylene chloride	ND	17.5	12	68	Q	18	102		70-130	39	Q	30
1,1-Dichloroethane	ND	17.5	9.5	54	Q	18	105		70-130	63	Q	30
Chloroform	ND	17.5	11	60	Q	17	99		70-130	47	Q	30
Carbon tetrachloride	ND	17.5	7.3	42	Q	20	117		70-130	94	Q	30
1,2-Dichloropropane	ND	17.5	11	62	Q	16	91		70-130	37	Q	30
Dibromochloromethane	ND	17.5	13	76		16	93		70-130	18		30
1,1,2-Trichloroethane	ND	17.5	15	87		18	105		70-130	17		30
Tetrachloroethene	7.0	17.5	21	77		21	80		70-130	1		30
Chlorobenzene	ND	17.5	8.5	49	Q	11	62	Q	70-130	23		30
Trichlorofluoromethane	ND	17.5	7.8	45	Q	24	139		70-139	102	Q	30
1,2-Dichloroethane	ND	17.5	12	68	Q	14	81		70-130	15		30
1,1,1-Trichloroethane	ND	17.5	8.0	45	Q	21	123		70-130	91	Q	30
Bromodichloromethane	ND	17.5	11	64	Q	15	84		70-130	25		30
trans-1,3-Dichloropropene	ND	17.5	8.4	48	Q	7.5	43	Q	70-130	12		30
cis-1,3-Dichloropropene	ND	17.5	8.5	49	Q	8.6	50	Q	70-130	1		30
1,1-Dichloropropene	ND	17.5	6.7	38	Q	13	74		70-130	63	Q	30
Bromoform	ND	17.5	21	120		27	154	Q	70-130	24		30
1,1,2,2-Tetrachloroethane	ND	17.5	27	153	Q	38	220	Q	70-130	35	Q	30
Benzene	ND	17.5	8.7	50	Q	16	93		70-130	59	Q	30
Toluene	ND	17.5	9.2	52	Q	16	90		70-130	52	Q	30
Ethylbenzene	ND	17.5	8.5	48	Q	14	78		70-130	45	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG742776-4 WG742776-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Chloromethane	ND	17.5	10	59		20	118		52-130	66	Q	30
Bromomethane	ND	17.5	7.7	44	Q	15	84		57-147	61	Q	30
Vinyl chloride	ND	17.5	7.9	45	Q	22	127		67-130	94	Q	30
Chloroethane	ND	17.5	9.9	56		23	134		50-151	80	Q	30
1,1-Dichloroethene	ND	17.5	7.0	40	Q	16	90		65-135	76	Q	30
trans-1,2-Dichloroethene	ND	17.5	7.7	44	Q	13	76		70-130	52	Q	30
Trichloroethene	ND	17.5	7.3	41	Q	12	69	Q	70-130	49	Q	30
1,2-Dichlorobenzene	ND	17.5	12	67	Q	13	77		70-130	12		30
1,3-Dichlorobenzene	ND	17.5	8.8	50	Q	8.8	51	Q	70-130	0		30
1,4-Dichlorobenzene	ND	17.5	7.9	45	Q	7.1	41	Q	70-130	10		30
Methyl tert butyl ether	ND	17.5	16	92		19	109		66-130	15		30
p/m-Xylene	ND	35.1	17	49	Q	26	75		70-130	41	Q	30
o-Xylene	ND	35.1	21	60	Q	33	94		70-130	43	Q	30
cis-1,2-Dichloroethene	ND	17.5	9.3	53	Q	14	83		70-130	43	Q	30
Dibromomethane	ND	17.5	12	67	Q	13	74		70-130	7		30
Styrene	ND	35.1	15	43	Q	16	47	Q	70-130	7		30
Dichlorodifluoromethane	ND	17.5	6.5J	37		22	126		30-146	108	Q	30
Acetone	5.0J	17.5	25	140		34	195	Q	54-140	32	Q	30
Carbon disulfide	ND	17.5	8.0J	45	Q	13	77		59-130	50	Q	30
2-Butanone	ND	17.5	16	91		18	102		70-130	10		30
Vinyl acetate	ND	17.5	14	80		15	85		70-130	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG742776-4 WG742776-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
4-Methyl-2-pentanone	ND	17.5	16	91		17	100		70-130	7		30
1,2,3-Trichloropropane	ND	17.5	24	138	Q	33	189	Q	68-130	29		30
2-Hexanone	ND	17.5	14	81		15	85		70-130	3		30
Bromochloromethane	ND	17.5	13	73		16	93		70-130	22		30
2,2-Dichloropropane	ND	17.5	8.3	47	Q	21	121		70-130	86	Q	30
1,2-Dibromoethane	ND	17.5	11	63	Q	10	60	Q	70-130	6		30
1,3-Dichloropropane	ND	17.5	13	74		14	81		69-130	7		30
1,1,1,2-Tetrachloroethane	ND	17.5	14	82		22	128		70-130	43	Q	30
Bromobenzene	ND	17.5	12	67	Q	13	78		70-130	13		30
n-Butylbenzene	ND	17.5	9.7	55	Q	12	69	Q	70-130	20		30
sec-Butylbenzene	ND	17.5	14	79		29	166	Q	70-130	70	Q	30
tert-Butylbenzene	ND	17.5	16	94		41	238	Q	70-130	86	Q	30
o-Chlorotoluene	ND	17.5	13	75		21	123		70-130	47	Q	30
p-Chlorotoluene	ND	17.5	9.4	54	Q	11	64	Q	70-130	17		30
1,2-Dibromo-3-chloropropane	ND	17.5	21	121		29	168	Q	68-130	31	Q	30
Hexachlorobutadiene	ND	17.5	15	84		31	182	Q	67-130	72	Q	30
Isopropylbenzene	ND	17.5	9.3	53	Q	17	99		70-130	59	Q	30
p-Isopropyltoluene	ND	17.5	14	77		25	142	Q	70-130	58	Q	30
Naphthalene	ND	17.5	9.5	54	Q	9.4	54	Q	70-130	1		30
Acrylonitrile	ND	17.5	16	92		18	103		70-130	10		30
n-Propylbenzene	ND	17.5	11	64	Q	19	108		70-130	49	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG742776-4 WG742776-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
1,2,3-Trichlorobenzene	ND	17.5	7.9	45	Q	7.7	45	Q	70-130	3		30
1,2,4-Trichlorobenzene	ND	17.5	5.5	31	Q	4.5	26	Q	70-130	19		30
1,3,5-Trimethylbenzene	ND	17.5	16	90		30	172	Q	70-130	62	Q	30
1,2,4-Trimethylbenzene	ND	17.5	14	82		22	127		70-130	42	Q	30
1,4-Dioxane	ND	877	620	71		780	90		65-136	22		30
1,4-Diethylbenzene	ND	17.5	6.1	35	Q	6.3	37	Q	70-130	3		30
4-Ethyltoluene	ND	17.5	6.4	37	Q	7.6	44	Q	70-130	17		30
1,2,4,5-Tetramethylbenzene	ND	17.5	8.4	48	Q	8.9	52	Q	70-130	5		30
Ethyl ether	ND	17.5	16	90		19	108		67-130	16		30
trans-1,4-Dichloro-2-butene	ND	17.5	9.7	55	Q	8.0	46	Q	70-130	20		30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	99		101		70-130
4-Bromofluorobenzene	125		137	Q	70-130
Dibromofluoromethane	103		106		70-130
Toluene-d8	111		119		70-130

SEMIVOLATILES

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-01
Client ID: SB-7 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 19:42
Analyst: KR
Percent Solids: 82%

Date Collected: 11/11/14 08:15
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01

Date Collected: 11/11/14 08:15

Client ID: SB-7 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	39.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	ND		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	45.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	55.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	67.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	430	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	960	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01

Date Collected: 11/11/14 08:15

Client ID: SB-7 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	101		18-120

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02
 Client ID: SB-8 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/21/14 20:07
 Analyst: KR
 Percent Solids: 82%

Date Collected: 11/11/14 09:00
 Date Received: 11/11/14
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	64.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02

Date Collected: 11/11/14 09:00

Client ID: SB-8 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	39.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	ND		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	45.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	67.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02

Date Collected: 11/11/14 09:00

Client ID: SB-8 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	111		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	104		0-136
4-Terphenyl-d14	104		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-03
Client ID: SB-9 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 20:33
Analyst: KR
Percent Solids: 76%

Date Collected: 11/11/14 10:05
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	70.	1
Hexachlorobenzene	ND		ug/kg	130	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	60.	1
2-Chloronaphthalene	ND		ug/kg	210	70.	1
1,2-Dichlorobenzene	ND		ug/kg	210	70.	1
1,3-Dichlorobenzene	ND		ug/kg	210	67.	1
1,4-Dichlorobenzene	ND		ug/kg	210	65.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	46.	1
2,6-Dinitrotoluene	ND		ug/kg	210	55.	1
Fluoranthene	ND		ug/kg	130	39.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	65.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	49.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	75.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	65.	1
Hexachlorobutadiene	ND		ug/kg	210	60.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	140	1
Hexachloroethane	ND		ug/kg	170	39.	1
Isophorone	ND		ug/kg	190	57.	1
Naphthalene	ND		ug/kg	210	71.	1
Nitrobenzene	ND		ug/kg	190	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	64.	1
Bis(2-Ethylhexyl)phthalate	200	J	ug/kg	210	56.	1
Butyl benzyl phthalate	ND		ug/kg	210	42.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	52.	1
Diethyl phthalate	ND		ug/kg	210	45.	1
Dimethyl phthalate	ND		ug/kg	210	54.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03

Date Collected: 11/11/14 10:05

Client ID: SB-9 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	130	42.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	43.	1
Benzo(k)fluoranthene	ND		ug/kg	130	41.	1
Chrysene	ND		ug/kg	130	42.	1
Acenaphthylene	ND		ug/kg	170	40.	1
Anthracene	ND		ug/kg	130	36.	1
Benzo(ghi)perylene	ND		ug/kg	170	44.	1
Fluorene	ND		ug/kg	210	61.	1
Phenanthrene	ND		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	41.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	47.	1
Pyrene	ND		ug/kg	130	42.	1
Biphenyl	ND		ug/kg	490	70.	1
4-Chloroaniline	ND		ug/kg	210	56.	1
2-Nitroaniline	ND		ug/kg	210	60.	1
3-Nitroaniline	ND		ug/kg	210	59.	1
4-Nitroaniline	ND		ug/kg	210	58.	1
Dibenzofuran	ND		ug/kg	210	71.	1
2-Methylnaphthalene	ND		ug/kg	260	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	66.	1
Acetophenone	ND		ug/kg	210	66.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	62.	1
2-Chlorophenol	ND		ug/kg	210	64.	1
2,4-Dichlorophenol	ND		ug/kg	190	69.	1
2,4-Dimethylphenol	ND		ug/kg	210	64.	1
2-Nitrophenol	ND		ug/kg	460	67.	1
4-Nitrophenol	ND		ug/kg	300	69.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	78.	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	63.	1
2-Methylphenol	ND		ug/kg	210	69.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	70.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	69.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	46.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03

Date Collected: 11/11/14 10:05

Client ID: SB-9 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	108		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	108		0-136
4-Terphenyl-d14	114		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-04
Client ID: SB-10 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 20:58
Analyst: KR
Percent Solids: 85%

Date Collected: 11/11/14 11:10
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	170	J	ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04

Date Collected: 11/11/14 11:10

Client ID: SB-10 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	ND		ug/kg	110	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	41.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04

Date Collected: 11/11/14 11:10

Client ID: SB-10 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	65		0-136
4-Terphenyl-d14	102		18-120

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05
 Client ID: SB-11 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/21/14 21:23
 Analyst: KR
 Percent Solids: 79%

Date Collected: 11/11/14 12:00
 Date Received: 11/11/14
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	69.	1
Hexachlorobenzene	ND		ug/kg	120	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	59.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	69.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	54.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	64.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	56.	1
Naphthalene	ND		ug/kg	210	70.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	52.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05

Date Collected: 11/11/14 12:00

Client ID: SB-11 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	41.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	40.	1
Chrysene	ND		ug/kg	120	41.	1
Acenaphthylene	ND		ug/kg	170	39.	1
Anthracene	ND		ug/kg	120	35.	1
Benzo(ghi)perylene	ND		ug/kg	170	44.	1
Fluorene	ND		ug/kg	210	60.	1
Phenanthrene	ND		ug/kg	120	41.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	41.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	46.	1
Pyrene	ND		ug/kg	120	41.	1
Biphenyl	ND		ug/kg	480	69.	1
4-Chloroaniline	ND		ug/kg	210	55.	1
2-Nitroaniline	ND		ug/kg	210	59.	1
3-Nitroaniline	ND		ug/kg	210	58.	1
4-Nitroaniline	ND		ug/kg	210	57.	1
Dibenzofuran	ND		ug/kg	210	70.	1
2-Methylnaphthalene	ND		ug/kg	250	67.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1
Acetophenone	ND		ug/kg	210	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	61.	1
2-Chlorophenol	ND		ug/kg	210	63.	1
2,4-Dichlorophenol	ND		ug/kg	190	68.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	65.	1
4-Nitrophenol	ND		ug/kg	290	68.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	77.	1
Pentachlorophenol	ND		ug/kg	170	45.	1
Phenol	ND		ug/kg	210	62.	1
2-Methylphenol	ND		ug/kg	210	68.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	69.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	68.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	45.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05

Date Collected: 11/11/14 12:00

Client ID: SB-11 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	102		0-136
4-Terphenyl-d14	104		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-06
Client ID: SB-110 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 21:49
Analyst: KR
Percent Solids: 80%

Date Collected: 11/11/14 12:00
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	58.	1
2-Chloronaphthalene	ND		ug/kg	210	67.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	44.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	210	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	38.	1
Isophorone	ND		ug/kg	180	55.	1
Naphthalene	ND		ug/kg	210	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	640		ug/kg	210	54.	1
Butyl benzyl phthalate	540		ug/kg	210	40.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	52.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-06

Date Collected: 11/11/14 12:00

Client ID: SB-110 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	39.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	43.	1
Fluorene	ND		ug/kg	210	59.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	46.	1
Pyrene	ND		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	210	54.	1
2-Nitroaniline	ND		ug/kg	210	58.	1
3-Nitroaniline	ND		ug/kg	210	57.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	69.	1
2-Methylnaphthalene	ND		ug/kg	250	66.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	64.	1
Acetophenone	ND		ug/kg	210	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	62.	1
2,4-Dichlorophenol	ND		ug/kg	180	67.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	64.	1
4-Nitrophenol	ND		ug/kg	290	67.	1
2,4-Dinitrophenol	ND		ug/kg	990	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	210	61.	1
2-Methylphenol	ND		ug/kg	210	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	67.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	44.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-06

Date Collected: 11/11/14 12:00

Client ID: SB-110 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	104		18-120

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07
 Client ID: SB-12 (12-16')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/21/14 22:14
 Analyst: KR
 Percent Solids: 80%

Date Collected: 11/11/14 14:10
 Date Received: 11/11/14
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	58.	1
2-Chloronaphthalene	ND		ug/kg	210	67.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	44.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	210	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	38.	1
Isophorone	ND		ug/kg	180	55.	1
Naphthalene	ND		ug/kg	210	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	180	J	ug/kg	210	54.	1
Butyl benzyl phthalate	ND		ug/kg	210	40.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	52.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07

Date Collected: 11/11/14 14:10

Client ID: SB-12 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	39.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	43.	1
Fluorene	ND		ug/kg	210	59.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	46.	1
Pyrene	ND		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	210	54.	1
2-Nitroaniline	ND		ug/kg	210	58.	1
3-Nitroaniline	ND		ug/kg	210	57.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	69.	1
2-Methylnaphthalene	ND		ug/kg	250	66.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	64.	1
Acetophenone	ND		ug/kg	210	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	62.	1
2,4-Dichlorophenol	ND		ug/kg	180	67.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	64.	1
4-Nitrophenol	ND		ug/kg	290	67.	1
2,4-Dinitrophenol	ND		ug/kg	990	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	210	61.	1
2-Methylphenol	ND		ug/kg	210	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	67.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	44.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07

Date Collected: 11/11/14 14:10

Client ID: SB-12 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	105		0-136
4-Terphenyl-d14	112		18-120

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**SAMPLE RESULTS**

Lab ID: L1427168-08
Client ID: MW-18 (12-16')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/21/14 22:39
Analyst: KR
Percent Solids: 79%

Date Collected: 11/11/14 15:10
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	69.	1
Hexachlorobenzene	ND		ug/kg	120	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	59.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	69.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	54.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	63.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	56.	1
Naphthalene	ND		ug/kg	210	70.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	170	J	ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	52.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08

Date Collected: 11/11/14 15:10

Client ID: MW-18 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

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	41.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	40.	1
Chrysene	ND		ug/kg	120	41.	1
Acenaphthylene	ND		ug/kg	170	39.	1
Anthracene	ND		ug/kg	120	35.	1
Benzo(ghi)perylene	ND		ug/kg	170	44.	1
Fluorene	ND		ug/kg	210	60.	1
Phenanthrene	ND		ug/kg	120	41.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	46.	1
Pyrene	ND		ug/kg	120	41.	1
Biphenyl	ND		ug/kg	480	69.	1
4-Chloroaniline	ND		ug/kg	210	55.	1
2-Nitroaniline	ND		ug/kg	210	59.	1
3-Nitroaniline	ND		ug/kg	210	58.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	70.	1
2-Methylnaphthalene	ND		ug/kg	250	67.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1
Acetophenone	ND		ug/kg	210	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	61.	1
2-Chlorophenol	ND		ug/kg	210	63.	1
2,4-Dichlorophenol	ND		ug/kg	190	68.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	65.	1
4-Nitrophenol	ND		ug/kg	290	68.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	77.	1
Pentachlorophenol	ND		ug/kg	170	45.	1
Phenol	ND		ug/kg	210	62.	1
2-Methylphenol	ND		ug/kg	210	67.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	69.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	68.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	45.	1

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08

Date Collected: 11/11/14 15:10

Client ID: MW-18 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	100		18-120

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/21/14 17:35
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG742199-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	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.
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: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/21/14 17:35
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG742199-1					
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	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/21/14 17:35
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/20/14 05:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG742199-1					
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.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	107		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG742199-2 WG742199-3								
Acenaphthene	82		86		31-137	5		50
1,2,4-Trichlorobenzene	84		89		38-107	6		50
Hexachlorobenzene	87		92		40-140	6		50
Bis(2-chloroethyl)ether	76		82		40-140	8		50
2-Chloronaphthalene	85		90		40-140	6		50
1,2-Dichlorobenzene	77		84		40-140	9		50
1,3-Dichlorobenzene	78		82		40-140	5		50
1,4-Dichlorobenzene	77		82		28-104	6		50
3,3'-Dichlorobenzidine	63		66		40-140	5		50
2,4-Dinitrotoluene	100	Q	107	Q	28-89	7		50
2,6-Dinitrotoluene	101		107		40-140	6		50
Fluoranthene	85		93		40-140	9		50
4-Chlorophenyl phenyl ether	84		90		40-140	7		50
4-Bromophenyl phenyl ether	88		94		40-140	7		50
Bis(2-chloroisopropyl)ether	78		82		40-140	5		50
Bis(2-chloroethoxy)methane	83		90		40-117	8		50
Hexachlorobutadiene	79		86		40-140	8		50
Hexachlorocyclopentadiene	94		98		40-140	4		50
Hexachloroethane	77		81		40-140	5		50
Isophorone	87		93		40-140	7		50
Naphthalene	78		82		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG742199-2 WG742199-3								
Nitrobenzene	92		98		40-140	6		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		99			6		50
n-Nitrosodi-n-propylamine	92		98		32-121	6		50
Bis(2-Ethylhexyl)phthalate	92		101		40-140	9		50
Butyl benzyl phthalate	84		93		40-140	10		50
Di-n-butylphthalate	88		95		40-140	8		50
Di-n-octylphthalate	98		104		40-140	6		50
Diethyl phthalate	90		95		40-140	5		50
Dimethyl phthalate	89		95		40-140	7		50
Benzo(a)anthracene	92		97		40-140	5		50
Benzo(a)pyrene	86		90		40-140	5		50
Benzo(b)fluoranthene	89		94		40-140	5		50
Benzo(k)fluoranthene	88		93		40-140	6		50
Chrysene	82		87		40-140	6		50
Acenaphthylene	87		93		40-140	7		50
Anthracene	87		93		40-140	7		50
Benzo(ghi)perylene	91		96		40-140	5		50
Fluorene	86		91		40-140	6		50
Phenanthrene	83		89		40-140	7		50
Dibenzo(a,h)anthracene	96		99		40-140	3		50
Indeno(1,2,3-cd)Pyrene	91		94		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG742199-2 WG742199-3								
Pyrene	82		90		35-142	9		50
Biphenyl	87		91			4		50
4-Chloroaniline	68		72		40-140	6		50
2-Nitroaniline	113		120		47-134	6		50
3-Nitroaniline	80		88		26-129	10		50
4-Nitroaniline	94		103		41-125	9		50
Dibenzofuran	87		92		40-140	6		50
2-Methylnaphthalene	89		96		40-140	8		50
1,2,4,5-Tetrachlorobenzene	87		90		40-117	3		50
Acetophenone	89		96		14-144	8		50
2,4,6-Trichlorophenol	101		109		30-130	8		50
P-Chloro-M-Cresol	102		109	Q	26-103	7		50
2-Chlorophenol	98		106	Q	25-102	8		50
2,4-Dichlorophenol	102		108		30-130	6		50
2,4-Dimethylphenol	92		100		30-130	8		50
2-Nitrophenol	125		133	Q	30-130	6		50
4-Nitrophenol	102		110		11-114	8		50
2,4-Dinitrophenol	107		40		4-130	91	Q	50
4,6-Dinitro-o-cresol	114		101		10-130	12		50
Pentachlorophenol	95		97		17-109	2		50
Phenol	91	Q	98	Q	26-90	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG742199-2 WG742199-3								
2-Methylphenol	99		106		30-130.	7		50
3-Methylphenol/4-Methylphenol	101		107		30-130	6		50
2,4,5-Trichlorophenol	100		108		30-130	8		50
Benzoic Acid	55		27			68	Q	50
Benzyl Alcohol	95		102		40-140	7		50
Carbazole	90		98		54-128	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		103		25-120
Phenol-d6	95		109		10-120
Nitrobenzene-d5	101		113		23-120
2-Fluorobiphenyl	88		99		30-120
2,4,6-Tribromophenol	97		109		0-136
4-Terphenyl-d14	89		106		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG742199-4 WG742199-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Acenaphthene	ND	1560	1400	90		1400	90		31-137	0		50
1,2,4-Trichlorobenzene	ND	1560	1400	90		1400	90		38-107	0		50
Hexachlorobenzene	ND	1560	1500	96		1500	96		40-140	0		50
Bis(2-chloroethyl)ether	ND	1560	1200	77		1300	83		40-140	8		50
2-Chloronaphthalene	ND	1560	1400	90		1400	90		40-140	0		50
1,2-Dichlorobenzene	ND	1560	1300	83		1300	83		40-140	0		50
1,3-Dichlorobenzene	ND	1560	1300	83		1300	83		40-140	0		50
1,4-Dichlorobenzene	ND	1560	1300	83		1300	83		28-104	0		50
3,3'-Dichlorobenzidine	ND	1560	1200	77		1100	71		40-140	9		50
2,4-Dinitrotoluene	ND	1560	1700	110	Q	1700	110	Q	28-89	0		50
2,6-Dinitrotoluene	ND	1560	1700	110		1800	120		40-140	6		50
Fluoranthene	ND	1560	1500	96		1500	96		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1560	1400	90		1400	90		40-140	0		50
4-Bromophenyl phenyl ether	ND	1560	1500	96		1500	96		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1560	1300	83		1300	83		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1560	1400	90		1400	90		40-117	0		50
Hexachlorobutadiene	ND	1560	1400	90		1400	90		40-140	0		50
Hexachlorocyclopentadiene	ND	1560	1600	100		1500	96		40-140	6		50
Hexachloroethane	ND	1560	1200	77		1200	77		40-140	0		50
Isophorone	ND	1560	1400	90		1500	96		40-140	7		50
Naphthalene	ND	1560	1300	83		1300	83		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG742199-4 WG742199-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Nitrobenzene	ND	1560	1500	96		1500	96		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1560	1600	100		1600	100			0		50
n-Nitrosodi-n-propylamine	ND	1560	1500	96		1600	100		32-121	6		50
Bis(2-Ethylhexyl)phthalate	170J	1560	1600	100		1600	100		40-140	0		50
Butyl benzyl phthalate	ND	1560	1400	90		1500	96		40-140	7		50
Di-n-butylphthalate	ND	1560	1500	96		1500	96		40-140	0		50
Di-n-octylphthalate	ND	1560	1600	100		1600	100		40-140	0		50
Diethyl phthalate	ND	1560	1500	96		1500	96		40-140	0		50
Dimethyl phthalate	ND	1560	1500	96		1500	96		40-140	0		50
Benzo(a)anthracene	ND	1560	1500	96		1500	96		40-140	0		50
Benzo(a)pyrene	ND	1560	1400	90		1400	90		40-140	0		50
Benzo(b)fluoranthene	ND	1560	1500	96		1500	96		40-140	0		50
Benzo(k)fluoranthene	ND	1560	1500	96		1400	90		40-140	7		50
Chrysene	ND	1560	1400	90		1400	90		40-140	0		50
Acenaphthylene	ND	1560	1500	96		1500	96		40-140	0		50
Anthracene	ND	1560	1400	90		1400	90		40-140	0		50
Benzo(ghi)perylene	ND	1560	1500	96		1500	96		40-140	0		50
Fluorene	ND	1560	1400	90		1400	90		40-140	0		50
Phenanthrene	ND	1560	1400	90		1400	90		40-140	0		50
Dibenzo(a,h)anthracene	ND	1560	1600	100		1500	96		40-140	6		50
Indeno(1,2,3-cd)Pyrene	ND	1560	1500	96		1400	90		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG742199-4 WG742199-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Pyrene	ND	1560	1400	90		1400	90		35-142	0		50
Biphenyl	ND	1560	1400	90		1400	90			0		50
4-Chloroaniline	ND	1560	1200	77		1200	77		40-140	0		50
2-Nitroaniline	ND	1560	1900	120		1900	120		47-134	0		50
3-Nitroaniline	ND	1560	1500	96		1400	90		26-129	7		50
4-Nitroaniline	ND	1560	1600	100		1600	100		41-125	0		50
Dibenzofuran	ND	1560	1500	96		1500	96		40-140	0		50
2-Methylnaphthalene	ND	1560	1500	96		1500	96		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1560	1400	90		1400	90		40-117	0		50
Acetophenone	ND	1560	1500	96		1500	96		14-144	0		50
2,4,6-Trichlorophenol	ND	1560	1700	110		1700	110		30-130	0		50
P-Chloro-M-Cresol	ND	1560	1700	110	Q	1700	110	Q	26-103	0		50
2-Chlorophenol	ND	1560	1600	100		1600	100		25-102	0		50
2,4-Dichlorophenol	ND	1560	1700	110		1700	110		30-130	0		50
2,4-Dimethylphenol	ND	1560	1400	90		1500	96		30-130	7		50
2-Nitrophenol	ND	1560	2100	130		2100	130		30-130	0		50
4-Nitrophenol	ND	1560	1700	110		1800	120	Q	11-114	6		50
2,4-Dinitrophenol	ND	1560	870J	56		1000	64		4-130	14		50
4,6-Dinitro-o-cresol	ND	1560	1800	120		1800	120		10-130	0		50
Pentachlorophenol	ND	1560	1300	83		1400	90		17-109	7		50
Phenol	ND	1560	1500	96	Q	1500	96	Q	26-90	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG742199-4 WG742199-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
2-Methylphenol	ND	1560	1600	100		1600	100		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1560	1600	100		1700	110		30-130	6		50
2,4,5-Trichlorophenol	ND	1560	1700	110		1700	110		30-130	0		50
Benzoic Acid	ND	1560	ND	0	Q	ND	0	Q		NC		50
Benzyl Alcohol	ND	1560	1500	96		1600	100		40-140	6		50
Carbazole	ND	1560	1500	96		1600	100		54-128	6		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	107		107		0-136
2-Fluorobiphenyl	99		97		30-120
2-Fluorophenol	98		99		25-120
4-Terphenyl-d14	101		96		18-120
Nitrobenzene-d5	111		112		23-120
Phenol-d6	106		106		10-120

INORGANICS & MISCELLANEOUS

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-01

Client ID: SB-7 (12-16')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/11/14 08:15

Date Received: 11/11/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-02

Client ID: SB-8 (12-16')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/11/14 09:00

Date Received: 11/11/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-03

Date Collected: 11/11/14 10:05

Client ID: SB-9 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-04

Date Collected: 11/11/14 11:10

Client ID: SB-10 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.070		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-05

Client ID: SB-11 (12-16')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/11/14 12:00

Date Received: 11/11/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-06

Client ID: SB-110 (12-16')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/11/14 12:00

Date Received: 11/11/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-07

Date Collected: 11/11/14 14:10

Client ID: SB-12 (12-16')

Date Received: 11/11/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.053		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

SAMPLE RESULTS

Lab ID: L1427168-08

Client ID: MW-18 (12-16')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 11/11/14 15:10

Date Received: 11/11/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	11/12/14 15:19	30,2540G	SG



Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Method Blank Analysis

Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab for sample(s): 01-08 Batch: WG741987-1										
Total Organic Carbon	ND		%	0.050	0.050	1	-	11/14/14 16:59	13,-	LC

Matrix Spike Analysis Batch Quality Control

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG741987-4 WG741987-5 QC Sample: L1427168-04 Client ID: SB-10 (12-16')												
Total Organic Carbon	0.070	0.854	0.847	91		0.925	99		75-125	9		25

Lab Duplicate Analysis Batch Quality Control

Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG739919-1 QC Sample: L1427168-04 Client ID: SB-10 (12-16')						
Solids, Total	85.1	84.3	%	1		20
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG741987-3 QC Sample: L1427168-04 Client ID: SB-10 (12-16')						
Total Organic Carbon	0.070	ND	%	NC		25

Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**S.R.M. Standard Quality Control**

Standard Reference Material (SRM): WG741987-2

Parameter	% Recovery	Qual	QC Criteria
Total Organic Carbon	99		75-125

Project Name: 9W / BOICES LANE

Lab Number: L1427168

Project Number: 31.0180004.00

Report Date: 11/25/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/12/2014 03:13

Cooler Information Custody Seal

Cooler

A Absent

B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427168-01A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-01B	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-01C	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-01D	Plastic 2oz unpreserved for TS	A	N/A	2.7	Y	Absent	TS(7)
L1427168-01E	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-01F	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-02A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-02B	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-02C	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-02D	Amber 100ml unpreserved	A	N/A	2.7	Y	Absent	TS(7)
L1427168-02E	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-02F	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-03A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-03B	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-03C	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-03D	Amber 100ml unpreserved	A	N/A	2.7	Y	Absent	TS(7)
L1427168-03E	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-03F	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-04A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04A1	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04A2	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04B	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04B1	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04B2	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04C	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04C1	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days



Project Name: 9W / BOICES LANE

Project Number: 31.0180004.00

Lab Number: L1427168

Report Date: 11/25/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427168-04C2	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1427168-04D	Amber 100ml unpreserved	A	N/A	2.7	Y	Absent	TS(7)
L1427168-04D1	Amber 100ml unpreserved	A	N/A	2.7	Y	Absent	TS(7)
L1427168-04D2	Amber 100ml unpreserved	A	N/A	2.7	Y	Absent	TS(7)
L1427168-04E	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-04E1	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-04E2	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	A2-TOC-LK(14)
L1427168-04F	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-04F1	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-04F2	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14)
L1427168-05A	Vial MeOH preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-05B	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-05C	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-05D	Amber 100ml unpreserved	B	N/A	3.6	Y	Absent	TS(7)
L1427168-05E	Amber 120ml unpreserved	B	N/A	3.6	Y	Absent	A2-TOC-LK(14)
L1427168-05F	Amber 250ml unpreserved	B	N/A	3.6	Y	Absent	NYTCL-8270(14)
L1427168-06A	Vial MeOH preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-06B	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-06C	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-06D	Amber 100ml unpreserved	B	N/A	3.6	Y	Absent	TS(7)
L1427168-06E	Amber 120ml unpreserved	B	N/A	3.6	Y	Absent	A2-TOC-LK(14)
L1427168-06F	Amber 250ml unpreserved	B	N/A	3.6	Y	Absent	NYTCL-8270(14)
L1427168-07A	Vial MeOH preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-07B	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-07C	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-07D	Amber 100ml unpreserved	B	N/A	3.6	Y	Absent	TS(7)
L1427168-07E	Amber 120ml unpreserved	B	N/A	3.6	Y	Absent	A2-TOC-LK(14)
L1427168-07F	Amber 250ml unpreserved	B	N/A	3.6	Y	Absent	NYTCL-8270(14)
L1427168-08A	Vial MeOH preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-08B	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-08C	Vial water preserved	B	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1427168-08D	Amber 100ml unpreserved	B	N/A	3.6	Y	Absent	TS(7)
L1427168-08E	Amber 120ml unpreserved	B	N/A	3.6	Y	Absent	A2-TOC-LK(14)
L1427168-08F	Amber 250ml unpreserved	B	N/A	3.6	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days



Project Name: 9W / BOICES LANE**Lab Number:** L1427168**Project Number:** 31.0180004.00**Report Date:** 11/25/14**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1427168-04B2

*Values in parentheses indicate holding time in days



Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

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: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

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.

Project Name: 9W / BOICES LANE
Project Number: 31.0180004.00

Lab Number: L1427168
Report Date: 11/25/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 13 Determination of Total Organic Carbon in Sediment. U.S. EPA, Region II. July 27, 1988.
- 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, SM4500CI-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

11/12/14

ALPHA Job #

11927169

Client Information

 Client: *Palmetto Group (G2A)*

 Address: *6296 Fly Road*
East Syracuse, NY 13057

 Phone: *(315) 866-1809*

Fax:

 Email: *Matthew.Zabik@G2A.com*
Project Information

 Project Name: *9w / Boilers Lane*

 Project Location: *Kingston, NY*

 Project # *31.0180004.00*

 (Use Project name as Project #) ☐

 Project Manager: *Ben Haith*

ALPHAQuote #:

Turn-Around Time

Standard ☒

Due Date:

 Rush (only if pre approved) ☐ *11/25/14* # 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:

** Ran MS/MSD on SB-10 (12-16') 3 sets of samples provided.*

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Filtration	Total Bottle
		Date	Time														
<i>271691</i>	<i>SB-7 (12-16')</i>	<i>11/11/14</i>	<i>0815</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>								<i>WCC Samples</i>	<i>6</i>
<i>2</i>	<i>SB-8 (12-16')</i>	<i>11/11/14</i>	<i>0900</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>								<i>collected using</i>	<i>6</i>
<i>3</i>	<i>SB-9 (12-16')</i>	<i>11/11/14</i>	<i>1005</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>								<i>US EPA Method</i>	<i>6</i>
<i>4</i>	<i>SB-10 (12-16') *</i>	<i>11/11/14</i>	<i>1110</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>								<i>Soils</i>	<i>18</i>
<i>5</i>	<i>SB-11 (12-16')</i>	<i>11/11/14</i>	<i>1200</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>									<i>6</i>
<i>6</i>	<i>SB-110 (12-16')</i>	<i>11/11/14</i>	<i>1200</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>									<i>6</i>
<i>7</i>	<i>SB-12 (12-16')</i>	<i>11/11/14</i>	<i>1410</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>									<i>6</i>
<i>8</i>	<i>MW-18 (12-16')</i>	<i>11/11/14</i>	<i>1510</i>	<i>Soil</i>	<i>MTL</i>	<i>X</i>	<i>X</i>	<i>X</i>									<i>6</i>

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
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

V

A

A

Preservative

F₀

A

A

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)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Matthew Zabik</i>	<i>11/11/14 1620</i>	<i>Robert Joyce</i>	<i>11/11/14 1620</i>
<i>Robert Joyce</i>	<i>11/11/14 2230</i>	<i>Robert Joyce</i>	<i>11/11/14 2230</i>
<i>Robert Joyce</i>	<i>11/12/14 0102</i>	<i>Robert Joyce</i>	<i>11/12/14 0102</i>
<i>Robert Joyce</i>	<i>11/12/14 945</i>	<i>Robert Joyce</i>	<i>11/12/14 945</i>
<i>Robert Joyce</i>	<i>11/12/14 1055</i>	<i>Robert Joyce</i>	<i>11/12/14 10:55</i>

 NEW YORK CHAIN OF CUSTODY		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 <i>11/25/14</i>		ALPHA Job # <i>L1427168</i>																																																																																																													
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		Project Information Project Name: <i>9w / Boies Lane</i> Project Location: <i>Kingston, NY</i> Project # <i>31.0180004.00</i> (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other		Billing Information ☒ Same as Client Info PO #																																																																																																											
Client Information Client: <i>Palmerton Group (GZA)</i> Address: <i>6296 Fly Road</i> <i>East Syracuse, NY 13057</i> Phone: <i>(315) 866-1809</i> Fax: Email: <i>Matthew.Zabik@gsa.com</i>		Project Manager: <i>Ben Hailh</i> ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ <i>11/25/14</i> Due Date: # of Days:				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: <i>* Ran ME/MSD on SB-10 (12-16') 3 sets of samples provided.</i>				ANALYSIS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>VOCs 8260</th> <th>SVOCs 8270</th> <th>TOL - Div 8260</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>SB-7 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-8 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-9 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-10 (12-16') *</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-11 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-110 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SB-12 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW-18 (12-16')</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					VOCs 8260	SVOCs 8270	TOL - Div 8260									SB-7 (12-16')	X	X	X									SB-8 (12-16')	X	X	X									SB-9 (12-16')	X	X	X									SB-10 (12-16') *	X	X	X									SB-11 (12-16')	X	X	X									SB-110 (12-16')	X	X	X									SB-12 (12-16')	X	X	X									MW-18 (12-16')	X	X	X									Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below) <i>N/A</i>	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 V A A		Preservative F/O A A		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.)																																																																																																											
Relinquished By: <i>Matthew Zabik</i>		Date/Time: <i>11/11/14 1620</i>		Received By: <i>Robert Hughes AD</i>		Date/Time: <i>11/11/14 1620</i>																																																																																																															
Relinquished By: <i>Robert Hughes</i>		Date/Time: <i>11/11/14 2230</i>		Received By: <i>John Coley</i>		Date/Time: <i>11/11/14 2230</i>																																																																																																															
Relinquished By: <i>John Coley</i>		Date/Time: <i>11/12/14 0102</i>		Received By: <i>Richard Scott</i>		Date/Time: <i>11/12/14 0102</i>																																																																																																															

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.

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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.

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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, SM4500CI-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.

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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.



ANALYTICAL REPORT

Lab Number:	L1422257
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W BOICES LANE
Project Number:	31.018004.00
Report Date:	10/07/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1422257-01	SB-6 (4-8')	SOIL	KINGSTON, NY	09/22/14 11:45	09/23/14
L1422257-02	SB-13 (6-9')	SOIL	KINGSTON, NY	09/22/14 14:30	09/23/14
L1422257-03	SB-14 (6-9')	SOIL	KINGSTON, NY	09/22/14 13:45	09/23/14
L1422257-04	SB-15 (12-15')	SOIL	KINGSTON, NY	09/22/14 11:40	09/23/14
L1422257-05	SB-16 (14-17')	SOIL	KINGSTON, NY	09/22/14 13:05	09/23/14
L1422257-06	WASTE 1	SOIL	KINGSTON, NY	09/22/14 14:00	09/23/14
L1422257-07	WASTE 2	SOIL	KINGSTON, NY	09/22/14 14:05	09/23/14
L1422257-08	WASTE 3	SOIL	KINGSTON, NY	09/22/14 14:10	09/23/14

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

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.

Total Organic Carbon

L1422257-01: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample required a different reporting method; therefore, the matrix spike and laboratory duplicate results could not be reported.

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:



Cristin Walker

Title: Technical Director/Representative

Date: 10/07/14

ORGANICS

VOLATILES

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01
Client ID: SB-6 (4-8')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/03/14 16:18
Analyst: MV
Percent Solids: 80%

Date Collected: 09/22/14 11:45
Date Received: 09/23/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	3.3		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.18	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.5	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.20	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01

Date Collected: 09/22/14 11:45

Client ID: SB-6 (4-8')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
Xylene (Total)	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene (total)	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	8.7	J	ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.5	0.18	1
o-Chlorotoluene	ND		ug/kg	6.5	0.21	1
p-Chlorotoluene	ND		ug/kg	6.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.67	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.19	1



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01

Date Collected: 09/22/14 11:45

Client ID: SB-6 (4-8')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6.5	0.18	1
1,4-Dioxane	ND		ug/kg	130	19.	1
1,4-Diethylbenzene	ND		ug/kg	5.2	0.21	1
4-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	0.74	J	ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	118		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-02
Client ID: SB-13 (6-9')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/03/14 16:45
Analyst: MV
Percent Solids: 88%

Date Collected: 09/22/14 14:30
Date Received: 09/23/14
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	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	11		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	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	0.14	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	6.0	0.17	1
Bromoform	ND		ug/kg	4.8	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	6.0	0.35	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	6.0	0.18	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-02

Date Collected: 09/22/14 14:30

Client ID: SB-13 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	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	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	15		ug/kg	12	1.2	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	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.0	0.16	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.0	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	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-02

Date Collected: 09/22/14 14:30

Client ID: SB-13 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6.0	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.8	0.19	1
4-Ethyltoluene	ND		ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	0.36	J	ug/kg	6.0	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	118		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03
Client ID: SB-14 (6-9')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/03/14 17:12
Analyst: MV
Percent Solids: 97%

Date Collected: 09/22/14 13:45
Date Received: 09/23/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.7	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.97	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.97	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	7.9		ug/kg	0.97	0.14	1
Chlorobenzene	ND		ug/kg	0.97	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	0.11	1
Bromodichloromethane	ND		ug/kg	0.97	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	0.10	1
Benzene	ND		ug/kg	0.97	0.11	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	0.60	J	ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.97	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03

Date Collected: 09/22/14 13:45

Client ID: SB-14 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.17	1
Xylene (Total)	ND		ug/kg	1.9	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.97	0.14	1
Dibromomethane	ND		ug/kg	9.7	0.16	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.18	1
Acetone	12		ug/kg	9.7	1.0	1
Carbon disulfide	ND		ug/kg	9.7	1.1	1
2-Butanone	ND		ug/kg	9.7	0.26	1
Vinyl acetate	ND		ug/kg	9.7	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	0.16	1
2-Hexanone	ND		ug/kg	9.7	0.65	1
Bromochloromethane	ND		ug/kg	4.8	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.20	1
n-Butylbenzene	ND		ug/kg	0.97	0.11	1
sec-Butylbenzene	ND		ug/kg	0.97	0.12	1
tert-Butylbenzene	ND		ug/kg	4.8	0.13	1
o-Chlorotoluene	ND		ug/kg	4.8	0.16	1
p-Chlorotoluene	ND		ug/kg	4.8	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.22	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.12	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.7	0.50	1
n-Propylbenzene	ND		ug/kg	0.97	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.14	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03

Date Collected: 09/22/14 13:45

Client ID: SB-14 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	4.8	0.14	1
1,4-Dioxane	ND		ug/kg	97	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.16	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	120		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04
Client ID: SB-15 (12-15')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/03/14 18:05
Analyst: MV
Percent Solids: 79%

Date Collected: 09/22/14 11:40
Date Received: 09/23/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	320	J	ug/kg	670	74.	1
1,1-Dichloroethane	ND		ug/kg	100	5.7	1
Chloroform	ND		ug/kg	100	25.	1
Carbon tetrachloride	ND		ug/kg	67	14.	1
1,2-Dichloropropane	ND		ug/kg	230	15.	1
Dibromochloromethane	ND		ug/kg	67	10.	1
1,1,2-Trichloroethane	ND		ug/kg	100	20.	1
Tetrachloroethene	5600		ug/kg	67	9.4	1
Chlorobenzene	ND		ug/kg	67	23.	1
Trichlorofluoromethane	ND		ug/kg	330	26.	1
1,2-Dichloroethane	ND		ug/kg	67	7.6	1
1,1,1-Trichloroethane	ND		ug/kg	67	7.4	1
Bromodichloromethane	ND		ug/kg	67	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	67	8.1	1
cis-1,3-Dichloropropene	ND		ug/kg	67	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	67	7.8	1
1,1-Dichloropropene	ND		ug/kg	330	9.4	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	67	6.7	1
Benzene	ND		ug/kg	67	7.9	1
Toluene	ND		ug/kg	100	13.	1
Ethylbenzene	ND		ug/kg	67	8.5	1
Chloromethane	ND		ug/kg	330	20.	1
Bromomethane	ND		ug/kg	130	22.	1
Vinyl chloride	ND		ug/kg	130	7.8	1
Chloroethane	ND		ug/kg	130	21.	1
1,1-Dichloroethene	ND		ug/kg	67	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	14.	1
Trichloroethene	ND		ug/kg	67	8.3	1
1,2-Dichlorobenzene	ND		ug/kg	330	10.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04

Date Collected: 09/22/14 11:40

Client ID: SB-15 (12-15')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	330	9.0	1
1,4-Dichlorobenzene	ND		ug/kg	330	9.2	1
Methyl tert butyl ether	ND		ug/kg	130	5.6	1
p/m-Xylene	100	J	ug/kg	130	13.	1
o-Xylene	ND		ug/kg	130	11.	1
Xylene (Total)	100	J	ug/kg	130	11.	1
cis-1,2-Dichloroethene	ND		ug/kg	67	9.5	1
1,2-Dichloroethene (total)	ND		ug/kg	67	9.5	1
Dibromomethane	ND		ug/kg	670	11.	1
Styrene	ND		ug/kg	130	27.	1
Dichlorodifluoromethane	ND		ug/kg	670	13.	1
Acetone	ND		ug/kg	670	69.	1
Carbon disulfide	ND		ug/kg	670	74.	1
2-Butanone	ND		ug/kg	670	18.	1
Vinyl acetate	ND		ug/kg	670	8.8	1
4-Methyl-2-pentanone	ND		ug/kg	670	16.	1
1,2,3-Trichloropropane	ND		ug/kg	670	11.	1
2-Hexanone	ND		ug/kg	670	44.	1
Bromochloromethane	ND		ug/kg	330	18.	1
2,2-Dichloropropane	ND		ug/kg	330	15.	1
1,2-Dibromoethane	ND		ug/kg	270	12.	1
1,3-Dichloropropane	ND		ug/kg	330	9.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	67	21.	1
Bromobenzene	ND		ug/kg	330	14.	1
n-Butylbenzene	ND		ug/kg	67	7.7	1
sec-Butylbenzene	ND		ug/kg	67	8.1	1
tert-Butylbenzene	ND		ug/kg	330	9.0	1
o-Chlorotoluene	ND		ug/kg	330	11.	1
p-Chlorotoluene	ND		ug/kg	330	8.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	26.	1
Hexachlorobutadiene	ND		ug/kg	330	15.	1
Isopropylbenzene	ND		ug/kg	67	6.9	1
p-Isopropyltoluene	ND		ug/kg	67	8.3	1
Naphthalene	ND		ug/kg	330	9.2	1
Acrylonitrile	ND		ug/kg	670	34.	1
n-Propylbenzene	ND		ug/kg	67	7.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	9.8	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	330	9.6	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04

Date Collected: 09/22/14 11:40

Client ID: SB-15 (12-15')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	330	9.4	1
1,4-Dioxane	ND		ug/kg	6700	960	1
1,4-Diethylbenzene	ND		ug/kg	270	11.	1
4-Ethyltoluene	ND		ug/kg	270	8.3	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	270	8.7	1
Ethyl ether	100	J	ug/kg	330	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05 D
 Client ID: SB-16 (14-17')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/03/14 18:31
 Analyst: MV
 Percent Solids: 81%

Date Collected: 09/22/14 13:05
 Date Received: 09/23/14
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	7400	J	ug/kg	12000	1400	20
1,1-Dichloroethane	ND		ug/kg	1900	110	20
Chloroform	ND		ug/kg	1900	460	20
Carbon tetrachloride	ND		ug/kg	1200	260	20
1,2-Dichloropropane	ND		ug/kg	4400	280	20
Dibromochloromethane	ND		ug/kg	1200	190	20
1,1,2-Trichloroethane	ND		ug/kg	1900	380	20
Tetrachloroethene	330000		ug/kg	1200	180	20
Chlorobenzene	ND		ug/kg	1200	430	20
Trichlorofluoromethane	ND		ug/kg	6200	480	20
1,2-Dichloroethane	ND		ug/kg	1200	140	20
1,1,1-Trichloroethane	ND		ug/kg	1200	140	20
Bromodichloromethane	ND		ug/kg	1200	220	20
trans-1,3-Dichloropropene	ND		ug/kg	1200	150	20
cis-1,3-Dichloropropene	ND		ug/kg	1200	150	20
1,3-Dichloropropene, Total	ND		ug/kg	1200	150	20
1,1-Dichloropropene	ND		ug/kg	6200	180	20
Bromoform	ND		ug/kg	5000	290	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	1200	120	20
Benzene	ND		ug/kg	1200	150	20
Toluene	ND		ug/kg	1900	240	20
Ethylbenzene	ND		ug/kg	1200	160	20
Chloromethane	ND		ug/kg	6200	370	20
Bromomethane	ND		ug/kg	2500	420	20
Vinyl chloride	ND		ug/kg	2500	150	20
Chloroethane	ND		ug/kg	2500	390	20
1,1-Dichloroethene	ND		ug/kg	1200	330	20
trans-1,2-Dichloroethene	ND		ug/kg	1900	260	20
Trichloroethene	2000		ug/kg	1200	160	20
1,2-Dichlorobenzene	ND		ug/kg	6200	190	20



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05 D

Date Collected: 09/22/14 13:05

Client ID: SB-16 (14-17')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6200	170	20
1,4-Dichlorobenzene	ND		ug/kg	6200	170	20
Methyl tert butyl ether	ND		ug/kg	2500	100	20
p/m-Xylene	1500	J	ug/kg	2500	250	20
o-Xylene	ND		ug/kg	2500	210	20
Xylene (Total)	1500	J	ug/kg	2500	210	20
cis-1,2-Dichloroethene	ND		ug/kg	1200	180	20
1,2-Dichloroethene (total)	ND		ug/kg	1200	180	20
Dibromomethane	ND		ug/kg	12000	200	20
Styrene	ND		ug/kg	2500	500	20
Dichlorodifluoromethane	ND		ug/kg	12000	240	20
Acetone	ND		ug/kg	12000	1300	20
Carbon disulfide	ND		ug/kg	12000	1400	20
2-Butanone	ND		ug/kg	12000	340	20
Vinyl acetate	ND		ug/kg	12000	160	20
4-Methyl-2-pentanone	ND		ug/kg	12000	300	20
1,2,3-Trichloropropane	ND		ug/kg	12000	200	20
2-Hexanone	ND		ug/kg	12000	830	20
Bromochloromethane	ND		ug/kg	6200	340	20
2,2-Dichloropropane	ND		ug/kg	6200	280	20
1,2-Dibromoethane	ND		ug/kg	5000	220	20
1,3-Dichloropropane	ND		ug/kg	6200	180	20
1,1,1,2-Tetrachloroethane	ND		ug/kg	1200	400	20
Bromobenzene	ND		ug/kg	6200	260	20
n-Butylbenzene	ND		ug/kg	1200	140	20
sec-Butylbenzene	ND		ug/kg	1200	150	20
tert-Butylbenzene	ND		ug/kg	6200	170	20
o-Chlorotoluene	ND		ug/kg	6200	200	20
p-Chlorotoluene	ND		ug/kg	6200	160	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	6200	490	20
Hexachlorobutadiene	ND		ug/kg	6200	280	20
Isopropylbenzene	ND		ug/kg	1200	130	20
p-Isopropyltoluene	ND		ug/kg	1200	160	20
Naphthalene	ND		ug/kg	6200	170	20
Acrylonitrile	ND		ug/kg	12000	640	20
n-Propylbenzene	ND		ug/kg	1200	140	20
1,2,3-Trichlorobenzene	ND		ug/kg	6200	180	20
1,2,4-Trichlorobenzene	ND		ug/kg	6200	230	20
1,3,5-Trimethylbenzene	ND		ug/kg	6200	180	20

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05 D

Date Collected: 09/22/14 13:05

Client ID: SB-16 (14-17')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	6200	180	20
1,4-Dioxane	ND		ug/kg	120000	18000	20
1,4-Diethylbenzene	ND		ug/kg	5000	200	20
4-Ethyltoluene	ND		ug/kg	5000	150	20
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5000	160	20
Ethyl ether	2600	J	ug/kg	6200	320	20
trans-1,4-Dichloro-2-butene	ND		ug/kg	6200	490	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	112		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-06
Client ID: WASTE 1
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/14 22:34
Analyst: PK

Date Collected: 09/22/14 14:00
Date Received: 09/23/14
Field Prep: Not Specified

TCLP/SPLP Ext. Date: 09/25/14 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	1.6	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	1.4	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-07
Client ID: WASTE 2
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/14 23:07
Analyst: PK

Date Collected: 09/22/14 14:05
Date Received: 09/23/14
Field Prep: Not Specified

TCLP/SPLP Ext. Date: 09/25/14 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	1.6	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	4.6	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	1.4	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-08
Client ID: WASTE 3
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/14 23:39
Analyst: PK

Date Collected: 09/22/14 14:10
Date Received: 09/23/14
Field Prep: Not Specified

TCLP/SPLP Ext. Date: 09/25/14 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	1.6	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	3.6	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	1.4	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 09/29/14 22:02

Analyst: PK

TCLP Extraction Date: 09/25/14 12:48

Extraction Date: 09/25/14 12:48

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG726478-3					
Chloroform	ND		ug/l	7.5	1.6
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	1.4
1,1-Dichloroethene	ND		ug/l	5.0	1.4
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/03/14 10:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG728209-3					
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: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/03/14 10:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG728209-3					
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: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/03/14 10:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG728209-3					
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: 9W BOICES LANE

Lab Number: L1422257

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/03/14 10:07

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG728209-3					

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

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/03/14 10:07

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05 Batch: WG728210-3					
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: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/03/14 10:07

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05 Batch: WG728210-3					
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: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/03/14 10:07
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05 Batch: WG728210-3					
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: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/03/14 10:07

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05 Batch: WG728210-3					

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG726478-1 WG726478-2								
Chloroform	110		104		70-130	6		20
Carbon tetrachloride	107		105		63-132	2		20
Tetrachloroethene	106		106		70-130	0		20
Chlorobenzene	109		106		75-130	3		25
1,2-Dichloroethane	103		97		70-130	6		20
Benzene	107		101		70-130	6		25
Vinyl chloride	74		69		55-140	7		20
1,1-Dichloroethene	105		100		61-145	5		25
Trichloroethene	116		110		70-130	5		25
1,4-Dichlorobenzene	108		104		70-130	4		20
2-Butanone	93		86		63-138	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		89		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	101		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

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 Batch: WG728209-1 WG728209-2								
Methylene chloride	144	Q	128		70-130	12		30
1,1-Dichloroethane	116		119		70-130	3		30
Chloroform	114		113		70-130	1		30
Carbon tetrachloride	124		128		70-130	3		30
1,2-Dichloropropane	106		110		70-130	4		30
Dibromochloromethane	105		108		70-130	3		30
2-Chloroethylvinyl ether	72		74		70-130	3		30
1,1,2-Trichloroethane	101		105		70-130	4		30
Tetrachloroethene	116		121		70-130	4		30
Chlorobenzene	106		109		70-130	3		30
Trichlorofluoromethane	91		92		70-139	1		30
1,2-Dichloroethane	112		116		70-130	4		30
1,1,1-Trichloroethane	120		122		70-130	2		30
Bromodichloromethane	110		112		70-130	2		30
trans-1,3-Dichloropropene	105		110		70-130	5		30
cis-1,3-Dichloropropene	104		106		70-130	2		30
1,1-Dichloropropene	113		115		70-130	2		30
Bromoform	99		102		70-130	3		30
1,1,2,2-Tetrachloroethane	102		105		70-130	3		30
Benzene	106		109		70-130	3		30
Toluene	103		108		70-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

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 Batch: WG728209-1 WG728209-2								
Ethylbenzene	110		113		70-130	3		30
Chloromethane	91		91		52-130	0		30
Bromomethane	105		104		57-147	1		30
Vinyl chloride	107		106		67-130	1		30
Chloroethane	110		109		50-151	1		30
1,1-Dichloroethene	117		120		65-135	3		30
trans-1,2-Dichloroethene	109		112		70-130	3		30
Trichloroethene	116		117		70-130	1		30
1,2-Dichlorobenzene	106		110		70-130	4		30
1,3-Dichlorobenzene	110		112		70-130	2		30
1,4-Dichlorobenzene	111		113		70-130	2		30
Methyl tert butyl ether	96		100		66-130	4		30
p/m-Xylene	109		114		70-130	4		30
o-Xylene	103		106		70-130	3		30
cis-1,2-Dichloroethene	104		109		70-130	5		30
Dibromomethane	99		102		70-130	3		30
Styrene	105		108		70-130	3		30
Dichlorodifluoromethane	53		54		30-146	2		30
Acetone	114		114		54-140	0		30
Carbon disulfide	149	Q	154	Q	59-130	3		30
2-Butanone	90		95		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

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 Batch: WG728209-1 WG728209-2								
Vinyl acetate	98		100		70-130	2		30
4-Methyl-2-pentanone	75		83		70-130	10		30
1,2,3-Trichloropropane	100		102		68-130	2		30
2-Hexanone	73		75		70-130	3		30
Bromochloromethane	106		108		70-130	2		30
2,2-Dichloropropane	123		126		70-130	2		30
1,2-Dibromoethane	97		100		70-130	3		30
1,3-Dichloropropane	100		104		69-130	4		30
1,1,1,2-Tetrachloroethane	107		112		70-130	5		30
Bromobenzene	104		108		70-130	4		30
n-Butylbenzene	120		123		70-130	2		30
sec-Butylbenzene	116		119		70-130	3		30
tert-Butylbenzene	108		112		70-130	4		30
o-Chlorotoluene	120		124		70-130	3		30
p-Chlorotoluene	113		116		70-130	3		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30
Hexachlorobutadiene	134	Q	138	Q	67-130	3		30
Isopropylbenzene	106		110		70-130	4		30
p-Isopropyltoluene	110		113		70-130	3		30
Naphthalene	80		84		70-130	5		30
Acrylonitrile	103		108		70-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

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 Batch: WG728209-1 WG728209-2								
Isopropyl Ether	107		110		66-130	3		30
tert-Butyl Alcohol	85		89		70-130	5		30
n-Propylbenzene	113		116		70-130	3		30
1,2,3-Trichlorobenzene	104		108		70-130	4		30
1,2,4-Trichlorobenzene	111		115		70-130	4		30
1,3,5-Trimethylbenzene	112		115		70-130	3		30
1,2,4-Trimethylbenzene	110		112		70-130	2		30
Methyl Acetate	98		99		51-146	1		30
Ethyl Acetate	85		90		70-130	6		30
Cyclohexane	117		122		59-142	4		30
1,4-Dioxane	78		84		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	128		130		50-139	2		30
1,4-Diethylbenzene	118		121		70-130	3		30
4-Ethyltoluene	118		121		70-130	3		30
1,2,4,5-Tetramethylbenzene	105		107		70-130	2		30
Tetrahydrofuran	82		89		66-130	8		30
Ethyl ether	103		99		67-130	4		30
trans-1,4-Dichloro-2-butene	117		124		70-130	6		30
Methyl cyclohexane	111		113		70-130	2		30
Ethyl-Tert-Butyl-Ether	102		106		70-130	4		30
Tertiary-Amyl Methyl Ether	92		96		70-130	4		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14

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 Batch: WG728209-1 WG728209-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		113		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	109		108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05 Batch: WG728210-1 WG728210-2								
Methylene chloride	144	Q	128		70-130	12		30
1,1-Dichloroethane	116		119		70-130	3		30
Chloroform	114		113		70-130	1		30
Carbon tetrachloride	124		128		70-130	3		30
1,2-Dichloropropane	106		110		70-130	4		30
Dibromochloromethane	105		108		70-130	3		30
2-Chloroethylvinyl ether	72		74		70-130	3		30
1,1,2-Trichloroethane	101		105		70-130	4		30
Tetrachloroethene	116		121		70-130	4		30
Chlorobenzene	106		109		70-130	3		30
Trichlorofluoromethane	91		92		70-139	1		30
1,2-Dichloroethane	112		116		70-130	4		30
1,1,1-Trichloroethane	120		122		70-130	2		30
Bromodichloromethane	110		112		70-130	2		30
trans-1,3-Dichloropropene	105		110		70-130	5		30
cis-1,3-Dichloropropene	104		106		70-130	2		30
1,1-Dichloropropene	113		115		70-130	2		30
Bromoform	99		102		70-130	3		30
1,1,2,2-Tetrachloroethane	102		105		70-130	3		30
Benzene	106		109		70-130	3		30
Toluene	103		108		70-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05 Batch: WG728210-1 WG728210-2								
Ethylbenzene	110		113		70-130	3		30
Chloromethane	91		91		52-130	0		30
Bromomethane	105		104		57-147	1		30
Vinyl chloride	107		106		67-130	1		30
Chloroethane	110		109		50-151	1		30
1,1-Dichloroethene	117		120		65-135	3		30
trans-1,2-Dichloroethene	109		112		70-130	3		30
Trichloroethene	116		117		70-130	1		30
1,2-Dichlorobenzene	106		110		70-130	4		30
1,3-Dichlorobenzene	110		112		70-130	2		30
1,4-Dichlorobenzene	111		113		70-130	2		30
Methyl tert butyl ether	96		100		66-130	4		30
p/m-Xylene	109		114		70-130	4		30
o-Xylene	103		106		70-130	3		30
cis-1,2-Dichloroethene	104		109		70-130	5		30
Dibromomethane	99		102		70-130	3		30
Styrene	105		108		70-130	3		30
Dichlorodifluoromethane	53		54		30-146	2		30
Acetone	114		114		54-140	0		30
Carbon disulfide	149	Q	154	Q	59-130	3		30
2-Butanone	90		95		70-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05 Batch: WG728210-1 WG728210-2								
Vinyl acetate	98		100		70-130	2		30
4-Methyl-2-pentanone	75		83		70-130	10		30
1,2,3-Trichloropropane	100		102		68-130	2		30
2-Hexanone	73		75		70-130	3		30
Bromochloromethane	106		108		70-130	2		30
2,2-Dichloropropane	123		126		70-130	2		30
1,2-Dibromoethane	97		100		70-130	3		30
1,3-Dichloropropane	100		104		69-130	4		30
1,1,1,2-Tetrachloroethane	107		112		70-130	5		30
Bromobenzene	104		108		70-130	4		30
n-Butylbenzene	120		123		70-130	2		30
sec-Butylbenzene	116		119		70-130	3		30
tert-Butylbenzene	108		112		70-130	4		30
o-Chlorotoluene	120		124		70-130	3		30
p-Chlorotoluene	113		116		70-130	3		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30
Hexachlorobutadiene	134	Q	138	Q	67-130	3		30
Isopropylbenzene	106		110		70-130	4		30
p-Isopropyltoluene	110		113		70-130	3		30
Naphthalene	80		84		70-130	5		30
Acrylonitrile	103		108		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05 Batch: WG728210-1 WG728210-2								
Isopropyl Ether	107		110		66-130	3		30
tert-Butyl Alcohol	85		89		70-130	5		30
n-Propylbenzene	113		116		70-130	3		30
1,2,3-Trichlorobenzene	104		108		70-130	4		30
1,2,4-Trichlorobenzene	111		115		70-130	4		30
1,3,5-Trimethylbenzene	112		115		70-130	3		30
1,2,4-Trimethylbenzene	110		112		70-130	2		30
Methyl Acetate	98		99		51-146	1		30
Ethyl Acetate	85		90		70-130	6		30
Cyclohexane	117		122		59-142	4		30
1,4-Dioxane	78		84		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	128		130		50-139	2		30
1,4-Diethylbenzene	118		121		70-130	3		30
4-Ethyltoluene	118		121		70-130	3		30
1,2,4,5-Tetramethylbenzene	105		107		70-130	2		30
Tetrahydrofuran	82		89		66-130	8		30
Ethyl ether	103		99		67-130	4		30
trans-1,4-Dichloro-2-butene	117		124		70-130	6		30
Methyl cyclohexane	111		113		70-130	2		30
Ethyl-Tert-Butyl-Ether	102		106		70-130	4		30
Tertiary-Amyl Methyl Ether	92		96		70-130	4		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05 Batch: WG728210-1 WG728210-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		113		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	109		108		70-130

SEMIVOLATILES

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01
Client ID: SB-6 (4-8')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/03/14 23:39
Analyst: JC
Percent Solids: 80%

Date Collected: 09/22/14 11:45
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	57.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	67.	1
1,3-Dichlorobenzene	ND		ug/kg	200	64.	1
1,4-Dichlorobenzene	ND		ug/kg	200	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	40.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01

Date Collected: 09/22/14 11:45

Client ID: SB-6 (4-8')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	45.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	67.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	55.	1
Dibenzofuran	ND		ug/kg	200	68.	1
2-Methylnaphthalene	ND		ug/kg	240	65.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	63.	1
Acetophenone	ND		ug/kg	200	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	59.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	66.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	66.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	44.	1

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**SAMPLE RESULTS**

Lab ID: L1422257-01

Date Collected: 09/22/14 11:45

Client ID: SB-6 (4-8')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	67		0-136
4-Terphenyl-d14	58		18-120

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**SAMPLE RESULTS**

Lab ID: L1422257-02
Client ID: SB-13 (6-9')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/04/14 00:05
Analyst: JC
Percent Solids: 88%

Date Collected: 09/22/14 14:30
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	61.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	40.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	36.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	47.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-02

Date Collected: 09/22/14 14:30

Client ID: SB-13 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	49.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	50.	1
Dibenzofuran	ND		ug/kg	190	62.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	54.	1
2-Chlorophenol	ND		ug/kg	190	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	55.	1
2-Methylphenol	ND		ug/kg	190	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**SAMPLE RESULTS**

Lab ID: L1422257-02

Date Collected: 09/22/14 14:30

Client ID: SB-13 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	68		0-136
4-Terphenyl-d14	75		18-120

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03
Client ID: SB-14 (6-9')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/04/14 00:30
Analyst: JC
Percent Solids: 97%

Date Collected: 09/22/14 13:45
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	55.	1
Hexachlorobenzene	ND		ug/kg	100	31.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	47.	1
2-Chloronaphthalene	ND		ug/kg	170	54.	1
1,2-Dichlorobenzene	ND		ug/kg	170	55.	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	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	36.	1
2,6-Dinitrotoluene	ND		ug/kg	170	43.	1
Fluoranthene	ND		ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	51.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	59.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.	1
Hexachlorobutadiene	ND		ug/kg	170	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	110	1
Hexachloroethane	ND		ug/kg	130	30.	1
Isophorone	ND		ug/kg	150	44.	1
Naphthalene	ND		ug/kg	170	55.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	35.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	44.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	41.	1
Diethyl phthalate	ND		ug/kg	170	35.	1
Dimethyl phthalate	ND		ug/kg	170	42.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03

Date Collected: 09/22/14 13:45

Client ID: SB-14 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	130	41.	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	130	31.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	130	35.	1
Fluorene	ND		ug/kg	170	48.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	37.	1
Pyrene	ND		ug/kg	100	32.	1
Biphenyl	ND		ug/kg	380	55.	1
4-Chloroaniline	ND		ug/kg	170	44.	1
2-Nitroaniline	ND		ug/kg	170	47.	1
3-Nitroaniline	ND		ug/kg	170	46.	1
4-Nitroaniline	ND		ug/kg	170	45.	1
Dibenzofuran	ND		ug/kg	170	56.	1
2-Methylnaphthalene	ND		ug/kg	200	53.	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	31.	1
P-Chloro-M-Cresol	ND		ug/kg	170	48.	1
2-Chlorophenol	ND		ug/kg	170	50.	1
2,4-Dichlorophenol	ND		ug/kg	150	54.	1
2,4-Dimethylphenol	ND		ug/kg	170	50.	1
2-Nitrophenol	ND		ug/kg	360	52.	1
4-Nitrophenol	ND		ug/kg	230	54.	1
2,4-Dinitrophenol	ND		ug/kg	800	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	61.	1
Pentachlorophenol	ND		ug/kg	130	36.	1
Phenol	ND		ug/kg	170	49.	1
2-Methylphenol	ND		ug/kg	170	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	55.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	54.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	36.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-03

Date Collected: 09/22/14 13:45

Client ID: SB-14 (6-9')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	69		0-136
4-Terphenyl-d14	69		18-120

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**SAMPLE RESULTS**

Lab ID: L1422257-04
Client ID: SB-15 (12-15')
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/04/14 00:56
Analyst: JC
Percent Solids: 79%

Date Collected: 09/22/14 11:40
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	58.	1
2-Chloronaphthalene	ND		ug/kg	210	67.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	210	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	38.	1
Isophorone	ND		ug/kg	190	55.	1
Naphthalene	ND		ug/kg	210	69.	1
Nitrobenzene	ND		ug/kg	190	49.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	54.	1
Butyl benzyl phthalate	ND		ug/kg	210	40.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	52.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04

Date Collected: 09/22/14 11:40

Client ID: SB-15 (12-15')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	39.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	43.	1
Fluorene	ND		ug/kg	210	59.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	46.	1
Pyrene	ND		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	210	54.	1
2-Nitroaniline	ND		ug/kg	210	58.	1
3-Nitroaniline	ND		ug/kg	210	57.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	69.	1
2-Methylnaphthalene	ND		ug/kg	250	66.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	64.	1
Acetophenone	ND		ug/kg	210	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	62.	1
2,4-Dichlorophenol	ND		ug/kg	190	67.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	64.	1
4-Nitrophenol	ND		ug/kg	290	67.	1
2,4-Dinitrophenol	ND		ug/kg	990	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	210	61.	1
2-Methylphenol	ND		ug/kg	210	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	67.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	44.	1

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04

Date Collected: 09/22/14 11:40

Client ID: SB-15 (12-15')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	63		0-136
4-Terphenyl-d14	62		18-120

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05
 Client ID: SB-16 (14-17')
 Sample Location: KINGSTON, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/04/14 01:21
 Analyst: JC
 Percent Solids: 81%

Date Collected: 09/22/14 13:05
 Date Received: 09/23/14
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	67.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	57.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	67.	1
1,3-Dichlorobenzene	ND		ug/kg	200	64.	1
1,4-Dichlorobenzene	ND		ug/kg	200	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	72.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	86	J	ug/kg	200	68.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	61.	1
Bis(2-Ethylhexyl)phthalate	2700		ug/kg	200	53.	1
Butyl benzyl phthalate	470		ug/kg	200	40.	1
Di-n-butylphthalate	320		ug/kg	200	39.	1
Di-n-octylphthalate	140	J	ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05

Date Collected: 09/22/14 13:05

Client ID: SB-16 (14-17')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

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	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	45.	1
Pyrene	ND		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	460	67.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	55.	1
Dibenzofuran	ND		ug/kg	200	68.	1
2-Methylnaphthalene	ND		ug/kg	240	65.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	63.	1
Acetophenone	ND		ug/kg	200	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	59.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	61.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	66.	1
2,4-Dinitrophenol	ND		ug/kg	980	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	74.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	67.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	66.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	44.	1

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**SAMPLE RESULTS**

Lab ID: L1422257-05

Date Collected: 09/22/14 13:05

Client ID: SB-16 (14-17')

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	69		0-136
4-Terphenyl-d14	55		18-120

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-06
Client ID: WASTE 1
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/14 02:56
Analyst: AS

Date Collected: 09/22/14 14:00
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:18

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.0	1
2,4-Dinitrotoluene	ND		ug/l	25	5.2	1
Hexachlorobutadiene	ND		ug/l	10	2.1	1
Hexachloroethane	ND		ug/l	10	1.5	1
Nitrobenzene	ND		ug/l	10	2.0	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.9	1
Pentachlorophenol	ND		ug/l	50	16.	1
2-Methylphenol	ND		ug/l	25	3.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	3.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.7	1
Pyridine	ND		ug/l	25	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	83		33-120

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-07
Client ID: WASTE 2
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/14 03:21
Analyst: AS

Date Collected: 09/22/14 14:05
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:18

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.0	1
2,4-Dinitrotoluene	ND		ug/l	25	5.2	1
Hexachlorobutadiene	ND		ug/l	10	2.1	1
Hexachloroethane	ND		ug/l	10	1.5	1
Nitrobenzene	ND		ug/l	10	2.0	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.9	1
Pentachlorophenol	ND		ug/l	50	16.	1
2-Methylphenol	ND		ug/l	25	3.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	3.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.7	1
Pyridine	ND		ug/l	25	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	76		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	97		33-120

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-08
Client ID: WASTE 3
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/14 03:47
Analyst: AS

Date Collected: 09/22/14 14:10
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:18

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.0	1
2,4-Dinitrotoluene	ND		ug/l	25	5.2	1
Hexachlorobutadiene	ND		ug/l	10	2.1	1
Hexachloroethane	ND		ug/l	10	1.5	1
Nitrobenzene	ND		ug/l	10	2.0	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.9	1
Pentachlorophenol	ND		ug/l	50	16.	1
2-Methylphenol	ND		ug/l	25	3.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	3.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.7	1
Pyridine	ND		ug/l	25	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	82		33-120

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/03/14 22:23
 Analyst: JC

Extraction Method: EPA 3546
 Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG727133-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	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	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/03/14 22:23
 Analyst: JC

Extraction Method: EPA 3546
 Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG727133-1					
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	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/03/14 22:23
 Analyst: JC

Extraction Method: EPA 3546
 Extraction Date: 10/01/14 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG727133-1					
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.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	67		0-136
4-Terphenyl-d14	77		18-120

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/04/14 22:18
 Analyst: AS
 TCLP Extraction Date: 10/01/14 16:30

Extraction Method: EPA 3510C
 Extraction Date: 10/03/14 10:18

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG727801-1					
Hexachlorobenzene	ND		ug/l	10	2.0
2,4-Dinitrotoluene	ND		ug/l	25	5.2
Hexachlorobutadiene	ND		ug/l	10	2.1
Hexachloroethane	ND		ug/l	10	1.5
Nitrobenzene	ND		ug/l	10	2.0
2,4,6-Trichlorophenol	ND		ug/l	25	3.9
Pentachlorophenol	ND		ug/l	50	16.
2-Methylphenol	ND		ug/l	25	3.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	3.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.7
Pyridine	ND		ug/l	25	1.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	84		33-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG727133-2 WG727133-3								
Acenaphthene	69		73		31-137	6		50
1,2,4-Trichlorobenzene	62		70		38-107	12		50
Hexachlorobenzene	76		82		40-140	8		50
Bis(2-chloroethyl)ether	60		66		40-140	10		50
2-Chloronaphthalene	68		76		40-140	11		50
1,2-Dichlorobenzene	59		64		40-140	8		50
1,3-Dichlorobenzene	56		65		40-140	15		50
1,4-Dichlorobenzene	57		64		28-104	12		50
3,3'-Dichlorobenzidine	62		66		40-140	6		50
2,4-Dinitrotoluene	75		82		28-89	9		50
2,6-Dinitrotoluene	73		77		40-140	5		50
Fluoranthene	73		78		40-140	7		50
4-Chlorophenyl phenyl ether	72		74		40-140	3		50
4-Bromophenyl phenyl ether	76		81		40-140	6		50
Bis(2-chloroisopropyl)ether	54		63		40-140	15		50
Bis(2-chloroethoxy)methane	68		72		40-117	6		50
Hexachlorobutadiene	64		73		40-140	13		50
Hexachlorocyclopentadiene	55		60		40-140	9		50
Hexachloroethane	62		69		40-140	11		50
Isophorone	66		73		40-140	10		50
Naphthalene	65		72		40-140	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG727133-2 WG727133-3								
Nitrobenzene	62		68		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	70		73			4		50
n-Nitrosodi-n-propylamine	62		70		32-121	12		50
Bis(2-Ethylhexyl)phthalate	74		79		40-140	7		50
Butyl benzyl phthalate	76		82		40-140	8		50
Di-n-butylphthalate	74		78		40-140	5		50
Di-n-octylphthalate	76		82		40-140	8		50
Diethyl phthalate	74		79		40-140	7		50
Dimethyl phthalate	77		79		40-140	3		50
Benzo(a)anthracene	73		78		40-140	7		50
Benzo(a)pyrene	74		78		40-140	5		50
Benzo(b)fluoranthene	75		74		40-140	1		50
Benzo(k)fluoranthene	74		82		40-140	10		50
Chrysene	75		81		40-140	8		50
Acenaphthylene	70		76		40-140	8		50
Anthracene	74		80		40-140	8		50
Benzo(ghi)perylene	80		84		40-140	5		50
Fluorene	71		77		40-140	8		50
Phenanthrene	71		74		40-140	4		50
Dibenzo(a,h)anthracene	77		81		40-140	5		50
Indeno(1,2,3-cd)Pyrene	77		82		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG727133-2 WG727133-3								
Pyrene	72		79		35-142	9		50
Biphenyl	80		88			10		50
4-Chloroaniline	70		81		40-140	15		50
2-Nitroaniline	68		76		47-134	11		50
3-Nitroaniline	62		71		26-129	14		50
4-Nitroaniline	72		78		41-125	8		50
Dibenzofuran	68		74		40-140	8		50
2-Methylnaphthalene	64		66		40-140	3		50
1,2,4,5-Tetrachlorobenzene	82		87		40-117	6		50
Acetophenone	76		86		14-144	12		50
2,4,6-Trichlorophenol	67		71		30-130	6		50
P-Chloro-M-Cresol	71		76		26-103	7		50
2-Chlorophenol	61		69		25-102	12		50
2,4-Dichlorophenol	69		74		30-130	7		50
2,4-Dimethylphenol	68		78		30-130	14		50
2-Nitrophenol	58		66		30-130	13		50
4-Nitrophenol	71		78		11-114	9		50
2,4-Dinitrophenol	57		57		4-130	0		50
4,6-Dinitro-o-cresol	66		70		10-130	6		50
Pentachlorophenol	68		74		17-109	8		50
Phenol	64		71		26-90	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG727133-2 WG727133-3								
2-Methylphenol	63		66		30-130.	5		50
3-Methylphenol/4-Methylphenol	68		73		30-130	7		50
2,4,5-Trichlorophenol	67		74		30-130	10		50
Benzoic Acid	16		16			0		50
Benzyl Alcohol	65		74		40-140	13		50
Carbazole	70		74		54-128	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		71		25-120
Phenol-d6	66		68		10-120
Nitrobenzene-d5	67		70		23-120
2-Fluorobiphenyl	71		71		30-120
2,4,6-Tribromophenol	82		82		0-136
4-Terphenyl-d14	76		78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG727801-2 WG727801-3								
Hexachlorobenzene	76		81		40-140	6		30
2,4-Dinitrotoluene	72		80		61-143	11		30
Hexachlorobutadiene	60		63		40-140	5		30
Hexachloroethane	47		54		25-95	14		30
Nitrobenzene	70		75		40-140	7		30
2,4,6-Trichlorophenol	69		75		30-130	8		30
Pentachlorophenol	79		86		52-141	8		30
2-Methylphenol	70		71		30-130	1		30
3-Methylphenol/4-Methylphenol	70		78		30-130	11		30
2,4,5-Trichlorophenol	74		78		30-130	5		30
Pyridine	37		36		10-66	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		72		21-120
Phenol-d6	69		73		10-120
Nitrobenzene-d5	73		80		23-120
2-Fluorobiphenyl	73		74		15-120
2,4,6-Tribromophenol	81		84		10-120
4-Terphenyl-d14	75		77		33-120

PESTICIDES

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-06
Client ID: WASTE 1
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/14 22:12
Analyst: JW

Date Collected: 09/22/14 14:00
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:25
Cleanup Method: EPA 3620B
Cleanup Date: 10/04/14

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-06
Client ID: WASTE 1
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/05/14 12:53
Analyst: SH

Date Collected: 09/22/14 14:00
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 10/02/14 13:46

TCLP/SPLP Ext. Date: 10/01/14 13:41
Methylation Date: 10/03/14 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	78		30-150	B

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-07
Client ID: WASTE 2
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/14 22:25
Analyst: JW

Date Collected: 09/22/14 14:05
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:25
Cleanup Method: EPA 3620B
Cleanup Date: 10/04/14

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-07
Client ID: WASTE 2
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/05/14 13:15
Analyst: SH

Date Collected: 09/22/14 14:05
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 10/02/14 13:46

TCLP/SPLP Ext. Date: 10/01/14 13:41
Methylation Date: 10/03/14 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	123		30-150	A
DCAA	109		30-150	B

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-08
Client ID: WASTE 3
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/14 22:38
Analyst: JW

Date Collected: 09/22/14 14:10
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/03/14 10:25
Cleanup Method: EPA 3620B
Cleanup Date: 10/04/14

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-08
Client ID: WASTE 3
Sample Location: KINGSTON, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/05/14 13:36
Analyst: SH

Date Collected: 09/22/14 14:10
Date Received: 09/23/14
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 10/02/14 13:46

TCLP/SPLP Ext. Date: 10/01/14 13:41
Methylation Date: 10/03/14 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	72		30-150	B

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 10/05/14 11:48
 Analyst: SH
 TCLP Extraction Date: 10/01/14 13:41
 Methylation Date: 10/03/14 15:07

Extraction Method: EPA 8151A
 Extraction Date: 10/02/14 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG727503-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	68		30-150	B

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/04/14 21:34
 Analyst: JW
 TCLP Extraction Date: 10/01/14 16:30

Extraction Method: EPA 3510C
 Extraction Date: 10/03/14 10:25
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/04/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG727814-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG727503-2 WG727503-3									
2,4-D	137		140		30-150	2		25	A
2,4,5-TP (Silvex)	96		91		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	109		111		30-150	A
DCAA	77		77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG727814-2 WG727814-3									
Lindane	85		87		30-150	2		20	A
Heptachlor	80		80		30-150	0		20	A
Heptachlor epoxide	81		85		30-150	4		20	A
Endrin	90		94		30-150	4		20	A
Methoxychlor	69		72		30-150	3		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		68		30-150	A
Decachlorobiphenyl	86		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		72		30-150	B
Decachlorobiphenyl	90		95		30-150	B

METALS

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-06

Date Collected: 09/22/14 14:00

Client ID: WASTE 1

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Barium, TCLP	0.40	J	mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	10/03/14 14:41	10/06/14 18:05	EPA 7470A	1,7470A	AK
Selenium, TCLP	ND		mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	10/03/14 08:34	10/03/14 12:54	EPA 3015	1,6010C	JH



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-07

Date Collected: 09/22/14 14:05

Client ID: WASTE 2

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Barium, TCLP	0.19	J	mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	10/03/14 14:41	10/06/14 18:11	EPA 7470A	1,7470A	AK
Selenium, TCLP	ND		mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	10/03/14 08:34	10/03/14 15:09	EPA 3015	1,6010C	JH



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-08

Date Collected: 09/22/14 14:10

Client ID: WASTE 3

Date Received: 09/23/14

Sample Location: KINGSTON, NY

Field Prep: Not Specified

Matrix: Soil

TCLP/SPLP Ext. Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Barium, TCLP	0.28	J	mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	10/03/14 14:41	10/06/14 18:13	EPA 7470A	1,7470A	AK
Selenium, TCLP	ND		mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	10/03/14 08:34	10/03/14 15:13	EPA 3015	1,6010C	JH



Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG727696-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Barium, TCLP	0.17	J	mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Selenium, TCLP	ND		mg/l	0.50	0.03	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	10/03/14 08:34	10/03/14 13:02	1,6010C	JH

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 10/01/14 16:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 06-08 Batch: WG727895-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	10/03/14 14:41	10/06/14 18:01	1,7470A	AK

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 10/01/14 16:30



Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG727696-2								
Arsenic, TCLP	100		-		75-125	-		20
Barium, TCLP	95		-		75-125	-		20
Cadmium, TCLP	102		-		75-125	-		20
Chromium, TCLP	100		-		75-125	-		20
Lead, TCLP	92		-		75-125	-		20
Selenium, TCLP	100		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20

TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 Batch: WG727895-2

Mercury, TCLP	108		-		80-120	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG727696-4 QC Sample: L1422257-06 Client ID: WASTE 1												
Arsenic, TCLP	ND	1.2	1.3	108		-	-		75-125	-		20
Barium, TCLP	0.40J	20	20	100		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.55	108		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.1	105		-	-		75-125	-		20
Lead, TCLP	ND	5.1	5.0	98		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.4	117		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.52	104		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG727895-4 QC Sample: L1422257-06 Client ID: WASTE 1												
Mercury, TCLP	ND	0.025	0.0230	92		-	-		80-120	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG727696-3 QC Sample: L1422257-06 Client ID: WASTE 1						
Arsenic, TCLP	ND	0.03J	mg/l	NC		20
Barium, TCLP	0.40J	0.40J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	0.04J	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG727895-3 QC Sample: L1422257-06 Client ID: WASTE 1						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-01

Client ID: SB-6 (4-8')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 09/22/14 11:45

Date Received: 09/23/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	09/26/14 23:10	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	09/24/14 20:21	30,2540G	RT



Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-02

Client ID: SB-13 (6-9')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 09/22/14 14:30

Date Received: 09/23/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	09/26/14 23:16	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	09/24/14 20:21	30,2540G	RT



Project Name: 9W BOICES LANE**Project Number:** 31.018004.00**Lab Number:** L1422257**Report Date:** 10/07/14**SAMPLE RESULTS****Lab ID:** L1422257-03**Client ID:** SB-14 (6-9')**Sample Location:** KINGSTON, NY**Matrix:** Soil**Date Collected:** 09/22/14 13:45**Date Received:** 09/23/14**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	ND		%	0.050	0.050	1	-	09/26/14 23:21	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	97.1		%	0.100	NA	1	-	09/24/14 20:21	30,2540G	RT



Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-04

Client ID: SB-15 (12-15')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 09/22/14 11:40

Date Received: 09/23/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.068		%	0.050	0.050	1	-	09/26/14 23:27	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	09/24/14 20:21	30,2540G	RT



Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

SAMPLE RESULTS

Lab ID: L1422257-05

Client ID: SB-16 (14-17')

Sample Location: KINGSTON, NY

Matrix: Soil

Date Collected: 09/22/14 13:05

Date Received: 09/23/14

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon	0.083		%	0.050	0.050	1	-	09/26/14 23:32	13,-	LC
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	09/24/14 20:21	30,2540G	RT



Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab for sample(s): 01-05 Batch: WG726315-1										
Total Organic Carbon	ND		%	0.050	0.050	1	-	09/26/14 22:35	13,-	LC

Lab Duplicate Analysis
Batch Quality Control**Project Name:** 9W BOICES LANE**Project Number:** 31.018004.00**Lab Number:** L1422257**Report Date:** 10/07/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG725023-1 QC Sample: L1422183-01 Client ID: DUP Sample						
Solids, Total	78.0	70.8	%	10		20

Project Name: 9W BOICES LANE**Lab Number:** L1422257**Project Number:** 31.018004.00**Report Date:** 10/07/14**S.R.M. Standard Quality Control**

Standard Reference Material (SRM): WG726315-2

Parameter	% Recovery	Qual	QC Criteria
Total Organic Carbon	102		75-125

Project Name: 9W BOICES LANE

Lab Number: L1422257

Project Number: 31.018004.00

Report Date: 10/07/14

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

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1422257-01A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-01B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-01C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-01D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1422257-01E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1422257-01M	Glass 100ml unpreserved	A	N/A	4.1	Y	Absent	A2-TOC-LK(14)
L1422257-02A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-02B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-02C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-02D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1422257-02E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1422257-02M	Glass 100ml unpreserved	A	N/A	4.1	Y	Absent	A2-TOC-LK(14)
L1422257-03A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-03B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-03C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-03D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1422257-03E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1422257-03M	Glass 100ml unpreserved	A	N/A	4.1	Y	Absent	A2-TOC-LK(14)
L1422257-04A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-04B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-04C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-04D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1422257-04E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1422257-04M	Glass 100ml unpreserved	A	N/A	4.1	Y	Absent	A2-TOC-LK(14)
L1422257-05A	Vial MeOH preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-05B	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1422257-05C	Vial water preserved	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days



Project Name: 9W BOICES LANE

Project Number: 31.018004.00

Lab Number: L1422257

Report Date: 10/07/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1422257-05D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1422257-05E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14)
L1422257-05M	Glass 100ml unpreserved	A	N/A	4.1	Y	Absent	A2-TOC-LK(14)
L1422257-06A	Vial Large Septa unpreserved	A	N/A	4.1	Y	Absent	TCLP-EXT-ZHE(14)
L1422257-06B	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-06C	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-06D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-06E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-06W	Amber 1000ml unpreserved split	A	N/A	4.1	Y	Absent	TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1422257-06X	Plastic 120ml HNO3 preserved spl	A	N/A	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1422257-06X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1422257-06Y	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)
L1422257-06Z	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)
L1422257-07A	Vial Large Septa unpreserved	A	N/A	4.1	Y	Absent	TCLP-EXT-ZHE(14)
L1422257-07B	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-07C	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-07D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-07E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-07W	Amber 1000ml unpreserved split	A	N/A	4.1	Y	Absent	TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1422257-07X	Plastic 120ml HNO3 preserved spl	A	N/A	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1422257-07X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1422257-07Y	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)
L1422257-07Z	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)
L1422257-08A	Vial Large Septa unpreserved	A	N/A	4.1	Y	Absent	TCLP-EXT-ZHE(14)
L1422257-08B	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-08C	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-08D	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-08E	Amber 250ml unpreserved	A	N/A	4.1	Y	Absent	-
L1422257-08W	Amber 1000ml unpreserved split	A	N/A	4.1	Y	Absent	TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1422257-08X	Plastic 120ml HNO3 preserved spl	A	N/A	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)

*Values in parentheses indicate holding time in days



Project Name: 9W BOICES LANE**Project Number:** 31.018004.00**Lab Number:** L1422257**Report Date:** 10/07/14**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1422257-08X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1422257-08Y	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)
L1422257-08Z	Vial unpreserved split	A	N/A	4.1	Y	Absent	TCLP-VOA(14)

*Values in parentheses indicate holding time in days



Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

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: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

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.

Project Name: 9W BOICES LANE
Project Number: 31.018004.00

Lab Number: L1422257
Report Date: 10/07/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 13 Determination of Total Organic Carbon in Sediment. U.S. EPA, Region II. July 27, 1988.
- 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, SM4500CI-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

9-24-14

Serial No: 1007141530

ALPHA Job #

11422287

Project Information

Project Name: GW Boies Line

Project Location: Kingston, NY

Project # 31-618004-00

(Use Project name as Project #) ☐

Project Manager: Ben Huth

ALPHAQuote #:

Turn-Around Time

Standard ☒

Due Date: 9-30-14

Rush (only if pre approved) ☐

of Days:

Deliverables

☐ ASP-A

☐ ASP-B

☐ EQUIS (1 File)

☐ EQUIS (4 File)

☒ Other

Billing Information

☐ Same as Client Info

PO #

Client Information

Client: Palmetto Group

Address: 6296 Fly Road

East Syracuse, NY 13057

Phone: (315) 800-1809

Fax:

Email: b.huth@palmettogroup.com

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.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Filtration	Sample Specific Comments	Total Bottle
		Date	Time			8260	8270	TOC - 1290 K ₂ Cr ₂ O ₇	Fall TCEP water Characterization									
22257-01	SB-6 (4-8')	9/22/14	1145	Soil	MJZ	X	X	X								☐ Done ☐ Lab to do Preservation ☐ Lab to do	VOCs Samples	6
22257-02	SB-13 (6-9')	9/22/14	1430	Soil	MJZ/RF	X	X	X									Collected using uPVC	6
22257-03	SB-14 (6-9')	9/22/14	1345	Soil	MJZ/RF	X	X	X									Method 5035	6
22257-04	SB-15 (12-15')	9/22/14	1140	Soil	MJZ/RF	X	X	X										6
22257-05	SB-16 (14-17')	9/22/14	1305	Soil	MJZ/RF	X	X	X										6
22257-06	Waste 1	9/22/14	1400	Soil	MJZ				X									5
22257-07	Waste 2	9/22/14	1405	Soil	MJZ				X									5
22257-08	Waste 3	9/22/14	1410	Soil	MJZ				X									5

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
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

V A A

Preservative

F/O A A

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.)

Relinquished By:

Date/Time

Received By:

Date/Time

Robert Heines

9/23/14 0940

Albany Service Center Lock Box

9/23/14 0940

Robert Heines

9-23-14 2230

John Conley

9/23/14 2230

John Conley

9-24-14 0135

Michael Arney

9-24-14 0135

Form No: 01-25 HC (rev. 30-Sept-2013)

Pace Analytical e-Report

Report prepared for:

GZA GeoEnvironmental, Inc.
6296 Fly Road
East Syracuse, NY 13057
CONTACT: Ben Haith

Project ID: Office Depot - 31.0180004.00

Sampling Date(s): November 19, 2014

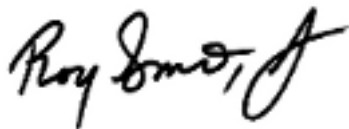
Lab Report ID: 14110596

Client Service Contact: Nick Nicholas (518) 346-4592

Analysis Included:

8260- Sub Pace NY
8270D - Sub Pace LI
Mercury Analysis
Metals by ICP (RCRA-6010C)
Total Organic Carbon
Percent Total Solid

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Roy Smith
Technical Director



Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337),
Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc. | 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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CASE NARRATIVE

June 16, 2015

REVISED CASE NARRATIVE

This report was revised to include an edited sample ID per client request (REV02).

This report has been revised to include VOC results from the subcontract laboratory (Pace Long Island) that have been re-reported with new units (REV01).

This data package (SDG ID: 14110596) consists of 1 soil sample received on 11/22/2014. The sample is from Project Name: Office Depot - 31.0180004.00.

This sample delivery group consists of the following samples:

<u>Lab Sample ID</u>	<u>Client ID</u>	<u>Collection Date</u>
AR45656	MW-16S	11/19/2014 13:00

Sample Delivery and Receipt Conditions

- (1.) All samples were delivered to the laboratory via FEDEX delivery service on 11/22/2014.
- (2.) All samples were received at the laboratory intact and within holding times.
- (3.) All samples were received at the laboratory properly preserved with any exceptions listed below:
 - a. Sample AR45656 was collected and received in a bulk container, not in accordance with the collection and preservation requirements of method 5035.

Subcontract Analysis

Please see the Pace Analytical Services Long Island laboratory report for method and quality assurance details pertaining to Volatile Organic Compound and Semi Volatile Organic Compound analyses.

Mercury Analysis

Analysis for mercury was performed by method SW-846 7471B. The following technical and administrative items were noted for the analysis:

- (1.) All quality assurance parameters were met for the analysis, unless otherwise noted.

Metals Analysis by ICP

Analysis for metals was performed by method SW-846 6010C. The following technical and administrative items were noted for the analysis:

- (1.) All quality assurance parameters were met for the analysis, unless otherwise noted.

Total Organic Carbon Analysis

Analysis for Total Organic Carbon was performed by EPA Lloyd Kahn Method for solid samples. The following technical and administrative items were noted for the analysis:

- (1.) The relative percent difference between the laboratory duplicate sample (LAB ID: AR45656D) and its parent sample (LAB ID: AR45656) exceeded the established quality control limit. Please see the associated duplicate form for details.

Respectfully submitted,



Nick Nicholas
Project Manager

QUALIFIERS

Definitions

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted outside the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

MDL – Method Detection Limit. Denotes lowest analyte concentration observable for the sample based on statistical study.

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

PQL – Practical Quantitation Limit. Denotes lowest analyte concentration reportable for the sample.

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<14110596P1>



Section A

Required Client Information:

Company: GZA GeoEnvironmental
Address: 6296 Fly Road
East Syracuse, NY 13057
Email To: benjamin.haith@gza.com
Phone: 315-800-1809 Fax:
Requested Due Date/TAT:

Section B

Required Project Information:

Report To: Ben Haith
Copy To:
Purchase Order No.:
Project Name: Office Depot
Project Number: 31.0180004.00

Section C

Invoice Information:

Attention: Ben Haith
Company Name: GZA GeoEnvironmental
Address:
Pace Quote Reference:
Pace Project Manager: Nick Nicolas
Pace Profile #:

Page: of

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location

STATE:

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Y/N ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	VOCs 8260	SVOCs 8270		Total Organic Carbon	RCRA metals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Standard TAT	GZA	11/21/14	1520	Phil Fm / PACE	11/21/14	1520				
	Phil Fm / PACE	11/21/14	1630	(VIA FAX) CLRL	11/21/14	1020	36	✓	✓	✓

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: M. Zelnik

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM/DD/YY): 11/21/14

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Sample Condition Upon Receipt

<14110596P2>



CLIENT NAME: GEMS

PROJECT: Office Depot

COURIER: FedEx ☒ UPS ☐ Client ☐ Pace ☐ Other ☐
 TRACKING # 804873568060 CUSTODY SEAL PRESENT: Yes ☒ No ☐
 PACKING MATERIAL: Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other ☐
 THERMOMETER USED: #164 ☐ IR Gun 03 ☐ #122087967 ☐
 BIOLOGICAL TISSUE IS FROZEN: Yes ☐ No ☐ N/A ☒

INTACT: Yes ☒ No ☐ N/A ☐
 ICE USED: Wet ☒ Blue ☐ None ☐
 COOLER TEMPERATURE (°C): 3.6°C

Temp should be above freezing to 6°C

COMMENTS:

Chain of Custody Present:	☒ Yes	☐ No	1.	
Chain of Custody Filled Out:	☒ Yes	☐ No	2. <u>NO TAT ON COC</u>	
Chain of Custody Relinquished:	☒ Yes	☐ No	3.	
Sampler Name / Signature on COC:	☒ Yes	☐ No	4.	
Samples Arrived within Hold Time:	☒ Yes	☐ No	5.	
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No	6.	
Rush Turn Around Time Requested:	☐ Yes	☒ No	7. <u>NO TAT ON COC</u>	
Sufficient Volume:	☒ Yes	☐ No	8.	
Correct Containers Used:	☒ Yes	☐ No	9. <u>Not collected per method 5035 guidance</u>	
- Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No	10.	
Filtered volume received for Dissolved tests:	☐ Yes	☐ No	☒ N/A	11.
Sample Labels match COC:	☒ Yes	☐ No	12. <u>Sample IDs abbreviated on sample containers</u>	
- Includes date/time/ID/Analysis				
All containers needing preservation have been checked:	☐ Yes	☐ No	☒ N/A	13.
All containers needing preservation are in compliance with EPA recommendation:	☐ Yes	☐ No	☒ N/A	Initial when completed: <u>NA</u>
- Exceptions that are not checked: VOA				Lot # of added preservative: <u>NA</u>
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☒ N/A	14.
Trip Blank Present:	☐ Yes	☐ No	☒ N/A	15.
Trip Blank Custody Seals Present:	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot #:				

Sample Receipt form filled in: PAW 11/23/14

Line-Out (Includes Copying Shipping Documents and verifying sample pH):

Log In (Includes notifying PM of any discrepancies and documenting in LIMS):

Labeling (Includes Scanning Bottles and entering LAB IDs into pH logbook):

PAW 11/23/14
CJP 11/22/14
PAW 11/27/14

SAMPLE RECEIPT



SAMPLE RECEIPT REPORT

14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

CLIENT: GZA GEOENVIRONMENTAL, INC.
PROJECT: OFFICE DEPOT - 31.0180004.00
LRF: 14110596
REPORT: ANALYTICAL REPORT
EDD: YES
LRF TAT: 2 WEEK

RECEIVED DATE: 11/22/2014 10:20
SHIPPED VIA: FEDEX
SHIPPING ID: 804873368060
NUMBER OF COOLERS: 1
CUSTODY SEAL INTACT: YES
COOLER STATUS: CHILLED
TEMPERATURE(S): 5.6 °C
SAMPLE SEALS INTACT: NA
SAMPLES PRESERVED PER METHOD GUIDANCE: NO
SAMPLES REC'D IN HOLDTIME: YES
DISPOSAL: BY LAB (45 DAYS)
COC DISCREPANCY: NO

COMMENTS:

SAMPLES NOT COLLECTED PER METHOD 5035 GUIDANCE. NO TAT ON COC. SAMPLE IDS ABBREVIATED ON SAMPLE CONTAINERS.

CLIENT ID (LAB ID)	TAT-DUE Date ⁴	DATE-TIME SAMPLED	MATRIX	METHOD	TEST DESCRIPTION	QC REQUEST
MW-16S (AR45656)	2 WEEK 12-10-14	11/19/2014 13:00	Soil	E8260C	8260- Sub Pace NY	
	2 WEEK 12-10-14	11/19/2014 13:00	Soil	E8270D	8270D - Sub Pace LI	
	2 WEEK 12-10-14	11/19/2014 13:00	Soil	EPA 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 12-10-14	11/19/2014 13:00	Soil	EPA 7471B	Mercury Analysis	
	2 WEEK 12-10-14	11/19/2014 13:00	Soil	Lloyd Kahn Method	Total Organic Carbon	

¹The pH preservation check of Oil and Grease (Method 1664) and Total Organic Carbon (Method 5310B) are performed as soon as possible after sample receipt and may not be included in this report.

²The pH preservation check of aqueous volatile samples is not performed until after the analysis of the sample to maintain zero headspace and is not included in this report.

³Samples received for pH analysis are not marked as a hold time exceedance here. SW-846 methods suggests analysis to be done within 15 minutes of sample collection. Because of transportation time it is not possible for the laboratory to perform the test in that time. Sample Certificates of Analysis reports are noted as such.

⁴Samples arriving at the laboratory after 4:00 pm are assigned a due date as if they arrived the following business day unless other arrangements have been made.

The due date represents the date the lab report is expected to be completed on or before 5:00 pm (EST) for the date specified.

⁵All samples which require thermal preservation shall be considered acceptable when received greater than 6 degrees Celsius if they are collected on the same day as received and there is evidence that the chilling process has begun, such as arrival on ice. Control limits are between 0-6 Degrees Celsius. Control limits do not apply for metals analysis.

⁶Samples requesting analysis for Orthophosphate (SM 4500-P E-99,-11) require the samples to be filtered in the field within 15 minutes of the sampling event. Samples that are received unfiltered will be noted as not method compliant on the Certificates of Analysis.

Reporting Parameters and Lists

EPA 6010C - Metals by ICP (RCRA-6010C) - (mg/kg)

Arsenic
Barium
Cadmium
Chromium
Lead
Selenium
Silver

EPA 7471B - Mercury Analysis - (mg/kg)

Mercury

Lloyd Kahn Method - Total Organic Carbon - (mg/kg)

Total Organic Carbon

Mercury



Analytical Sample Results

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S
Lab Sample ID: 14110596-01 (AR45656)

Collection Date: 11/19/2014 13:00
Sample Matrix: SOIL
Received Date: 11/22/2014 10:20
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1791-22	SW-846 7471B	12/08/2014 14:00	CYC	NA	NA	NA
Prep 1:	5251	EPA 7471B	12/04/2014 12:40	CYC	0.207 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	0.125	0.0533	1.00		MER1-1791-22

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Metals - ICP



Analytical Sample Results

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S
Lab Sample ID: 14110596-01 (AR45656)

Collection Date: 11/19/2014 13:00
Sample Matrix: SOIL
Received Date: 11/22/2014 10:20
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1414-30	SW-846 6010C	12/04/2014 11:04	LMS	NA	NA	NA
Prep 1:	5246	EPA 3050B	12/03/2014 13:33	LMS	0.500 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	5.50	0.689	1.00		ICP2-1414-30
Barium	7440-39-3	56.2	0.689	1.00		ICP2-1414-30
Cadmium	7440-43-9	1.82	0.552	1.00		ICP2-1414-30
Chromium	7440-47-3	36.8	0.689	1.00		ICP2-1414-30
Lead	7439-92-1	31.7	0.689	1.00		ICP2-1414-30
Selenium	7782-49-2	ND	1.38	1.00	U	ICP2-1414-30
Silver	7440-22-4	ND	0.965	1.00	U	ICP2-1414-30

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Wet Chemistry - TOC



Analytical Sample Results

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S
Lab Sample ID: 14110596-01 (AR45656)

Collection Date: 11/19/2014 13:00
Sample Matrix: SOIL
Received Date: 11/22/2014 10:20
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	850	EPA Lloyd Kahn	11/26/2014 10:02	LMS	NA	NA	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Total Organic Carbon	TOC	28000	480	1.00		850

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Wet Chemistry - % Moisture



Analytical Sample Results

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S
Lab Sample ID: 14110596-01 (AR45656)

Collection Date: 11/19/2014 13:00
Sample Matrix: SOIL
Received Date: 11/22/2014 10:20
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	9725	SW-846 3545A 11.4	11/26/2014 11:23	LMS	NA	NA	NA

Analyte	CAS No.	Result (%)	PQL	Dilution Factor	Flags	File ID
% Total Solid (\$)	NA	72.6	0.00986	1.00		9725

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

(\$) NYSDOH does not currently offer certification for this analyte.

Quality Control Samples (Field)



**Quality Control Results
Matrix Spike Sample (MS)**

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S MS
Lab Sample ID: 14110596-01M (AR45656M)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	850	EPA Lloyd Kahn	11/26/2014 10:59	LMS	NA	NA	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Total Organic Carbon	TOC	59000	480	1.00		850

Analyte Spiked	CAS No.	Sample (mg/kg)	Added (mg/kg)	MS (mg/kg)	MS % Rec.	Q ¹	Limits (%)
Total Organic Carbon	TOC	28000	12000	60000	261	*	75.0-125

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Duplicate Sample
Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: MW-16S DUP
Lab Sample ID: 14110596-01D (AR45656D)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 72.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	850	EPA Lloyd Kahn	11/26/2014 10:09	LMS	NA	NA	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Total Organic Carbon	TOC	43000	520	1.00		850

Analyte	CAS No.	Duplicate (mg/kg)	Precision			
			Sample (mg/kg)	RPD	Q ¹	Limits (%)
Total Organic Carbon	TOC	43000	ND	41.0	*	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Quality Control Samples (Lab)



Quality Control Results
Method Blank

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Method Blank (AR45440B)
Lab Sample ID: PBS-34

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1791-15	SW-846 7471B	12/08/2014 13:48	CYC	NA	NA	NA
Prep 1:	5251	EPA 7471B	12/04/2014 12:16	CYC	0.199 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	ND	0.0402	1.00	U	MER1-1791-15

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample (LCS)

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Lab Control Sample (AR45440L)
Lab Sample ID: LCS-34

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1791-16	SW-846 7471B	12/08/2014 13:50	CYC	NA	NA	NA
Prep 1:	5251	EPA 7471B	12/04/2014 12:17	CYC	0.195 g	40.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q ¹	Limits (%)
Mercury	7439-97-6	5.76	6.13	106		71.2-129

¹Qualifier column where "*" denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 14110596

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Lab Control Sample - Duplicate (AR45440S)
Lab Sample ID: LCSD-34

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1791-17	SW-846 7471B	12/08/2014 13:51	CYC	NA	NA	NA
Prep 1:	5251	EPA 7471B	12/04/2014 12:17	CYC	0.197 g	40.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCSD (mg/kg)	LCSD % Rec.	Q ¹	Limits (%)	Precision		
							LCS % Rec.	RPD	Limits (%)
Mercury	7439-97-6	5.76	6.54	114		71.2-129	106	7.27	20

¹Qualifier column where "*" denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Method Blank**

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Method Blank (AR41581B)
Lab Sample ID: PBS-33

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1414-25	SW-846 6010C	12/04/2014 10:27	LMS	NA	NA	NA
Prep 1:	5246	EPA 3050B	12/03/2014 13:27	LMS	0.492 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	ND	0.509	1.00	U	ICP2-1414-25
Barium	7440-39-3	ND	0.509	1.00	U	ICP2-1414-25
Cadmium	7440-43-9	ND	0.407	1.00	U	ICP2-1414-25
Chromium	7440-47-3	ND	0.509	1.00	U	ICP2-1414-25
Lead	7439-92-1	ND	0.509	1.00	U	ICP2-1414-25
Selenium	7782-49-2	ND	1.02	1.00	U	ICP2-1414-25
Silver	7440-22-4	ND	0.712	1.00	U	ICP2-1414-25

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Lab Control Sample (AR41581L)
Lab Sample ID: LCS-33

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1414-26	SW-846 6010C	12/04/2014 10:54	LMS	NA	NA	NA
Prep 1:	5246	EPA 3050B	12/03/2014 13:28	LMS	0.509 g	50.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q ¹	Limits (%)
Arsenic	7440-38-2	151	150	99.6		80.8-120
Barium	7440-39-3	262	232	88.5		82.8-117
Cadmium	7440-43-9	152	139	91.3		81.6-118
Chromium	7440-47-3	117	110	94.2		79.4-121
Lead	7439-92-1	254	230	90.5		81.5-119
Selenium	7782-49-2	162	154	95.2		77.2-122
Silver	7440-22-4	44.3	43.1	97.3		74.5-126

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Lab Control Sample - Duplicate (AR41581S)
Lab Sample ID: LCSD-33

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1414-27	SW-846 6010C	12/04/2014 10:56	LMS	NA	NA	NA
Prep 1:	5246	EPA 3050B	12/03/2014 13:29	LMS	0.500 g	50.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCSD (mg/kg)	LCSD % Rec.	Q ¹	Limits (%)	Precision			
							LCS % Rec.	RPD	Q ¹	Limits (%)
Arsenic	7440-38-2	151	153	101		80.8-120	99.6	1.40		20
Barium	7440-39-3	262	244	93.1		82.8-117	88.5	5.07		20
Cadmium	7440-43-9	152	144	95.0		81.6-118	91.3	3.97		20
Chromium	7440-47-3	117	116	99.2		79.4-121	94.2	5.17		20
Lead	7439-92-1	254	236	93.0		81.5-119	90.5	2.72		20
Selenium	7782-49-2	162	155	95.8		77.2-122	95.2	0.628		20
Silver	7440-22-4	44.3	45.1	102		74.5-126	97.3	4.72		20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Method Blank

Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Method Blank (AR45656B)
Lab Sample ID: BLANK-01

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	850	EPA Lloyd Kahn	11/26/2014 08:59	LMS	NA	NA	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Total Organic Carbon	TOC	ND	350	1.00	U	850

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample (LCS)
Job Number: 14110596

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: GZA GeoEnvironmental, Inc.
Project: Office Depot - 31.0180004.00
Client Sample ID: Lab Control Sample (AR45656L)
Lab Sample ID: LCS-01

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	850	EPA Lloyd Kahn	11/26/2014 09:05	LMS	NA	NA	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q ¹	Limits (%)
Total Organic Carbon	TOC	2800	2600	91.9		50.7-150

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Subcontract Analysis

LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Pace Analytical Services Inc.

2190 Technology Drive
Schenectady, NY 12308

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8260C :		Prep Method: 5035A-L			Analyst: KG	
Parameter(s)	Results	Qualifier	D.F.	Units	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1,1-Trichloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1,2,2-Tetrachloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1,2-Trichloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1-Dichloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1-Dichloroethene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,1-Dichloropropene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2,3-Trichlorobenzene	< 1,400,00	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
1,2,3-Trichloropropane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2,4-Trichlorobenzene	4,400,000	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
1,2,4-Trimethylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2-Dibromo-3-chloropropane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2-Dibromoethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2-Dichlorobenzene	19,000,00	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
1,2-Dichloroethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,2-Dichloropropane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,3,5-Trimethylbenzene/P-ethyltoluene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,3-Dichlorobenzene	12,000,00	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
1,3-Dichloropropane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
1,4-Dichlorobenzene	15,000,00	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
1,4-Dioxane	< 1,400,00	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
2,2-Dichloropropane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
2-Butanone	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
2-Chloroethylvinyl ether	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
2-Chlorotoluene/4-Chlorotoluene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
2-Hexanone	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
4-Isopropyltoluene	56,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
4-Methyl-2-pentanone	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Acetone	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Benzene	480,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Bromobenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01

Qualifiers: E = Value above quantitation range, Value estimated.

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Date Reported : 12/9/2014



Project Manager

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Page 1 of 23

LABORATORY RESULTS

Results for the samples and analytes requested

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Pace Analytical Services Inc.

**2190 Technology Drive
Schenectady, NY 12308**

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8260C :		Prep Method: 5035A-L			Analyst: KG	
Parameter(s)	Results	Qualifier	D.F.	Units	Analyzed:	Container:
Bromochloromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Bromodichloromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Bromoform	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Bromomethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Carbon disulfide	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Carbon tetrachloride	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Chlorobenzene	1,800,000	D	40000	µg/Kg-dry	12/02/2014 6:39 PM	Container-01 of 01
Chloroethane	< 54,000	DS	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Chloroform	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Chloromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
cis-1,2-Dichloroethene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
cis-1,3-Dichloropropene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Cyclohexane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Dibromochloromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Dibromomethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Dichlorodifluoromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Ethylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Freon-113	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Hexachlorobutadiene	< 54,000	Dc	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Isopropylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
m,p-Xylene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Methyl Acetate	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Methyl tert-butyl ether	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Methylcyclohexane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Methylene chloride	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Naphthalene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
n-Butylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
n-Propylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
o-Xylene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
sec-Butylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Styrene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
tert-Butylbenzene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01

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D.F. = Dilution Factor D = Results for Dilution

H = Received/analyzed outside of analytical holding time

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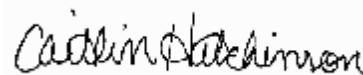
R = Reporting limit below calibration range. Value estimated.

J = Estimated value - below calibration range

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Project Manager

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LABORATORY RESULTS

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Pace Analytical Services Inc.

**2190 Technology Drive
 Schenectady, NY 12308**

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8260C :

Prep Method: 5035A-L

Analyst: KG

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Tetrachloroethene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Toluene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
trans-1,2-Dichloroethene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
trans-1,3-Dichloropropene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Trichloroethene	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Trichlorofluoromethane	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Vinyl acetate	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Vinyl chloride	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Xylene (total)	< 54,000	D	1600	µg/Kg-dry	12/02/2014 2:23 AM	Container-01 of 01
Surr: 1,2-Dichloroethane-d4	116	D	1600	%REC Limit 33-145	12/02/2014 2:23 AM	Container-01 of 01
Surr: 4-Bromofluorobenzene	89.7	D	1600	%REC Limit 60-148	12/02/2014 2:23 AM	Container-01 of 01
Surr: Toluene-d8	91.9	D	1600	%REC Limit 60-132	12/02/2014 2:23 AM	Container-01 of 01

NOTES:

Results may be biased low due to sample not being collected according to 5035A low level specifications.

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Date Reported : 12/9/2014



Project Manager

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LABORATORY RESULTS

Results for the samples and analytes requested

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Pace Analytical Services Inc.

2190 Technology Drive
Schenectady, NY 12308

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8270D :		Prep Method: SW3545A		Prep Date: 12/2/2014 8:13:40 AM		Analyst: EAG	
Parameter(s)	Results	Qualifier	D.F.	Units	Analyzed:	Container:	
1,2,4-Trichlorobenzene	2,400,000	D	400	µg/Kg-dry	12/04/2014 1:09 PM	Container-01 of 01	
1,2-Dichlorobenzene	6,900,000	D	400	µg/Kg-dry	12/04/2014 1:09 PM	Container-01 of 01	
1,3-Dichlorobenzene	4,700,000	D	400	µg/Kg-dry	12/04/2014 1:09 PM	Container-01 of 01	
1,4-Dichlorobenzene	5,000,000	D	400	µg/Kg-dry	12/04/2014 1:09 PM	Container-01 of 01	
2,2'-oxybis(1-Chloropropane)	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4,5-Trichlorophenol	< 2,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4,6-Trichlorophenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4-Dichlorophenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4-Dimethylphenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4-Dinitrophenol	< 2,800	c	1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,4-Dinitrotoluene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2,6-Dinitrotoluene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Chloronaphthalene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Chlorophenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Methylnaphthalene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Methylphenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Nitroaniline	< 2,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
2-Nitrophenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
3,3'-Dichlorobenzidine	< 1,100	c	1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
3-Nitroaniline	< 2,800	c	1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4,6-Dinitro-2-methylphenol	< 2,800	c	1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Bromophenyl-phenylether	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Chloro-3-methylphenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Chloroaniline	< 1,100	c	1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Chlorophenyl-phenylether	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Methylphenol	1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Nitroaniline	< 2,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
4-Nitrophenol	< 2,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Acenaphthene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Acenaphthylene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Anthracene	1,400		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Benzo(a)anthracene	11,000		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	

Qualifiers: E = Value above quantitation range, Value estimated.

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LABORATORY RESULTS

Results for the samples and analytes requested

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Pace Analytical Services Inc.

2190 Technology Drive
Schenectady, NY 12308

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8270D :		Prep Method: SW3545A		Prep Date: 12/2/2014 8:13:40 AM		Analyst: EAG	
Parameter(s)	Results	Qualifier	D.F.	Units	Analyzed:	Container:	
Benzo(a)pyrene	3,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Benzo(b)fluoranthene	4,400		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Benzo(g,h,i)perylene	1,500		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Benzo(k)fluoranthene	1,400		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
bis(2-Chloroethoxy)methane	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Bis(2-chloroethyl)ether	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
bis(2-Ethylhexyl)phthalate	9,200		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Butyl benzyl phthalate	4,500		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Carbazole	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Chrysene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Dibenzo(a,h)anthracene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Dibenzofuran	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Diethylphthalate	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Dimethylphthalate	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Di-n-butyl phthalate	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Di-n-octyl phthalate	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Fluoranthene	8,000		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Fluorene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Hexachlorobenzene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Hexachlorobutadiene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Hexachlorocyclopentadiene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Hexachloroethane	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Indeno(1,2,3-cd)pyrene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Isophorone	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Naphthalene	8,200		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Nitrobenzene	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
N-Nitroso-di-n-propylamine	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
N-Nitrosodiphenylamine	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Pentachlorophenol	< 2,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Phenanthrene	5,800		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Phenol	< 1,100		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	
Pyrene	12,000		1	µg/Kg-dry	12/03/2014 2:09 PM	Container-01 of 01	

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LABORATORY RESULTS

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Pace Analytical Services Inc.

2190 Technology Drive
Schenectady, NY 12308

Attn To : William A. Kotas

Collected : 11/19/2014 1:00:00 PM

Received : 11/25/2014 11:00:00 AM AR45656 *Report re-issued 6/16/15 for corrected sample ID

Collected By : Client

Lab No. : 1411G60-001

Client Sample ID: MW-16S

Sample Information:

Type : Soil

Origin:

Analytical Method: SW8270D :		Prep Method: SW3545A		Prep Date: 12/2/2014 8:13:40 AM		Analyst: EAG	
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Surr: 1,2-Dichlorobenzene-d4	0	S	1	%REC	20-130	12/03/2014 2:09 PM	Container-01 of 01
Surr: 2,4,6-Tribromophenol	93.0		1	%REC	19-122	12/03/2014 2:09 PM	Container-01 of 01
Surr: 2-Chlorophenol-d4	75.6		1	%REC	20-130	12/03/2014 2:09 PM	Container-01 of 01
Surr: 2-Fluorobiphenyl	88.0		1	%REC	30-115	12/03/2014 2:09 PM	Container-01 of 01
Surr: 2-Fluorophenol	111		1	%REC	25-121	12/03/2014 2:09 PM	Container-01 of 01
Surr: 4-Terphenyl-d14	183	S	1	%REC	18-137	12/03/2014 2:09 PM	Container-01 of 01
Surr: Nitrobenzene-d5	53.9		1	%REC	23-120	12/03/2014 2:09 PM	Container-01 of 01
Surr: Phenol-d5	81.9		1	%REC	24-113	12/03/2014 2:09 PM	Container-01 of 01

NOTES:

Surrogate 1,2-Dichlorobenzene-d4 is masked by large interferences of targeted dichlorobenzenes.

Analytical Method: D2216 :				Analyst: AH	
Parameter(s)	Results	Qualifier	D.F.	Units	Container:
Percent Moisture	70.4		1	wt%	11/25/2014 7:11 PM Container-01 of 01

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Page 6 of 23



PACE ANALYTICAL
575 Broad Hollow Road
Melville, NY 11747
TEL: (631) 694-3040

Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Method Blank

RunID: 66433 SeqNo 1443589 Units: µg/Kg

Analysis Date: 12/3/2014 9:59:00 AM Analyst: EAG

Analyte	Result	Rep Limit	Rep Qual
Phenol	< 330	330	
2-Chlorophenol	< 330	330	
2-Methylphenol	< 330	330	
2,2'-oxybis(1-Chloropropane)	< 330	330	
4-Methylphenol	< 330	330	
N-Nitroso-di-n-propylamine	< 330	330	
Hexachloroethane	< 330	330	
Nitrobenzene	< 330	330	
Isophorone	< 330	330	
2-Nitrophenol	< 330	330	
2,4-Dimethylphenol	< 330	330	
bis(2-Chloroethoxy)methane	< 330	330	
2,4-Dichlorophenol	< 330	330	
Naphthalene	< 330	330	
4-Chloroaniline	< 330	330	
Hexachlorobutadiene	< 330	330	
4-Chloro-3-methylphenol	< 330	330	
2-Methylnaphthalene	< 330	330	
Hexachlorocyclopentadiene	< 330	330	
2,4,6-Trichlorophenol	< 330	330	
2,4,5-Trichlorophenol	< 830	830	
2-Chloronaphthalene	< 330	330	
2-Nitroaniline	< 830	830	
Dimethylphthalate	< 330	330	
2,6-Dinitrotoluene	< 330	330	
Acenaphthylene	< 330	330	
3-Nitroaniline	< 830	830	
Acenaphthene	< 330	330	
2,4-Dinitrophenol	< 830	830	
4-Nitrophenol	< 830	830	
Dibenzofuran	< 330	330	
2,4-Dinitrotoluene	< 330	330	
Diethylphthalate	< 330	330	
Fluorene	< 330	330	
4-Chlorophenyl-phenylether	< 330	330	
4-Nitroaniline	< 830	830	
4,6-Dinitro-2-methylphenol	< 830	830	
N-Nitrosodiphenylamine	< 330	330	
4-Bromophenyl-phenylether	< 330	330	
Hexachlorobenzene	< 330	330	
Surr: 2-Fluorophenol	2,100		
Surr: Nitrobenzene-d5	1,400		
Surr: Phenol-d5	2,300		
Surr: 2,4,6-Tribromophenol	2,000		
Surr: 2-Fluorobiphenyl	1,400		

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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PACE ANALYTICAL
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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Method Blank

RunID: 66433 SeqNo 1443589 Units: µg/Kg

Analysis Date: 12/3/2014 9:59:00 AM Analyst: EAG

Analyte	Result	Rep Limit	Rep Qual
Surr: 4-Terphenyl-d14	1,100		
Surr: 2-Chlorophenol-d4	2,200		
Surr: 1,2-Dichlorobenzene-d4	1,400		
TIC: 2-Pentanone, 4-hydroxy-	290		NA
TIC: 2-Pentanone, 4-hydroxy-4-methyl-	30,000		NA
TIC: 3-Penten-2-one, 4-methyl-	230		NA
TIC: Alkane: Branched	150		
TIC: Dibenzylidene 4,4'-biphenylenediam	200		N

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	D	Dilution was required.	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	M	Manual Integration used to determine area response	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	O	RSD is greater than RSDlimit
	S	Spike Recovery outside accepted recovery limits		



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Method Blank

RunID: 66250 SeqNo 1440322 Units: µg/Kg

Analysis Date: 12/3/2014 9:59:00 AM Analyst: EAG

Analyte	Result	Rep Limit	Rep Qual
Phenol	< 330	330	
Bis(2-chloroethyl)ether	< 330	330	
2-Chlorophenol	< 330	330	
1,3-Dichlorobenzene	< 330	330	
1,4-Dichlorobenzene	< 330	330	
1,2-Dichlorobenzene	< 330	330	
2-Methylphenol	< 330	330	
2,2'-oxybis(1-Chloropropane)	< 330	330	
4-Methylphenol	< 330	330	
N-Nitroso-di-n-propylamine	< 330	330	
Hexachloroethane	< 330	330	
Nitrobenzene	< 330	330	
Isophorone	< 330	330	
2-Nitrophenol	< 330	330	
2,4-Dimethylphenol	< 330	330	
bis(2-Chloroethoxy)methane	< 330	330	
2,4-Dichlorophenol	< 330	330	
1,2,4-Trichlorobenzene	< 330	330	
Naphthalene	< 330	330	
4-Chloroaniline	< 330	330	
Hexachlorobutadiene	< 330	330	
4-Chloro-3-methylphenol	< 330	330	
2-Methylnaphthalene	< 330	330	
Hexachlorocyclopentadiene	< 330	330	
2,4,6-Trichlorophenol	< 330	330	
2,4,5-Trichlorophenol	< 830	830	
2-Chloronaphthalene	< 330	330	
2-Nitroaniline	< 830	830	
Dimethylphthalate	< 330	330	
Acenaphthylene	< 330	330	
2,6-Dinitrotoluene	< 330	330	
3-Nitroaniline	< 830	830	
Acenaphthene	< 330	330	
2,4-Dinitrophenol	< 830	830	
4-Nitrophenol	< 830	830	
Dibenzofuran	< 330	330	
2,4-Dinitrotoluene	< 330	330	
Diethylphthalate	< 330	330	
4-Chlorophenyl-phenylether	< 330	330	
Fluorene	< 330	330	
4-Nitroaniline	< 830	830	
4,6-Dinitro-2-methylphenol	< 830	830	
N-Nitrosodiphenylamine	< 330	330	
4-Bromophenyl-phenylether	< 330	330	
Hexachlorobenzene	< 330	330	

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Method Blank

RunID: 66250 SeqNo 1440322 Units: µg/Kg

Analysis Date: 12/3/2014 9:59:00 AM Analyst: EAG

Analyte	Result	Rep Limit	Rep Qual
Pentachlorophenol	< 830	830	
Phenanthrene	< 330	330	
Anthracene	< 330	330	
Carbazole	< 330	330	
Di-n-butyl phthalate	< 330	330	
Fluoranthene	< 330	330	
Pyrene	< 330	330	
Butyl benzyl phthalate	< 330	330	
3,3'-Dichlorobenzidine	< 330	330	
Benzo(a)anthracene	< 330	330	
Chrysene	< 330	330	
bis(2-Ethylhexyl)phthalate	< 330	330	
Di-n-octyl phthalate	< 330	330	
Benzo(b)fluoranthene	< 330	330	
Benzo(k)fluoranthene	< 330	330	
Benzo(a)pyrene	< 330	330	
Indeno(1,2,3-cd)pyrene	< 330	330	
Dibenzo(a,h)anthracene	< 330	330	
Benzo(g,h,i)perylene	< 330	330	
Surr: 2-Fluorophenol	2,100	0	
Surr: Nitrobenzene-d5	1,400	0	
Surr: Phenol-d5	2,300	0	
Surr: 2,4,6-Tribromophenol	2,000	0	
Surr: 2-Fluorobiphenyl	1,400	0	
Surr: 4-Terphenyl-d14	1,100	0	
Surr: 2-Chlorophenol-d4	2,200	0	
Surr: 1,2-Dichlorobenzene-d4	1,400	0	

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Method Blank

RunID: 66176 SeqNo 1438515 Units: µg/Kg

Analysis Date: 12/3/2014 9:59:00 AM Analyst: EAG

Analyte	Result	Rep Limit	Rep Qual
Acenaphthylene	< 330	330	
Naphthalene	< 330	330	
Acenaphthene	< 330	330	
Fluorene	< 330	330	
Phenanthrene	< 330	330	
Anthracene	< 330	330	
Fluoranthene	< 330	330	
Pyrene	< 330	330	
Benzo(a)anthracene	< 330	330	
Chrysene	< 330	330	
Benzo(b)fluoranthene	< 330	330	
Benzo(k)fluoranthene	< 330	330	
Benzo(a)pyrene	< 330	330	
Indeno(1,2,3-cd)pyrene	< 330	330	
Dibenzo(a,h)anthracene	< 330	330	
Benzo(g,h,i)perylene	< 330	330	
Surr: Nitrobenzene-d5	1,400	0	
Surr: 2-Fluorobiphenyl	1,400	0	
Surr: 4-Terphenyl-d14	1,100	0	
Surr: 1,2-Dichlorobenzene-d4	1,400	0	

Laboratory Control Sample (LCS/LFB)

RunID: 66433 SeqNo 1443590 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: SH

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Phenol	1,667	1,300	78.9						38	104	
2-Chlorophenol	1,667	1,300	80.7						36	109	
2-Methylphenol	1,667	1,300	79.9						36	104	
2,2'-oxybis(1-Chloropropane)	1,667	1,200	72.0						33	116	
4-Methylphenol	1,667	1,400	83.2						26	119	
N-Nitroso-di-n-propylamine	1,667	1,400	83.4						33	109	
Hexachloroethane	1,667	1,300	80.9						34	105	
Nitrobenzene	1,667	1,400	84.6						36	119	
Isophorone	1,667	1,500	89.2						14	129	
2-Nitrophenol	1,667	1,300	76.8						36	117	
2,4-Dimethylphenol	1,667	1,200	70.1						24	96	
bis(2-Chloroethoxy)methane	1,667	1,500	87.8						29	112	
2,4-Dichlorophenol	1,667	1,400	83.0						41	117	
Naphthalene	1,667	1,400	85.1						18	142	
4-Chloroaniline	1,667	1,900	116						29	88	S
Hexachlorobutadiene	1,667	1,400	81.1						36	118	
4-Chloro-3-methylphenol	1,667	1,400	85.5						45	118	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Laboratory Control Sample (LCS/LFB)

RunID: 66433 SeqNo 1443590 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: SH

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
2-Methylnaphthalene	1,667	1,400	81.4						31	135	
Hexachlorocyclopentadiene	1,667	1,100	64.2						10	97	
2,4,6-Trichlorophenol	1,667	1,300	79.6						45	110	
2,4,5-Trichlorophenol	1,667	1,300	79.9						45	111	
2-Chloronaphthalene	1,667	1,300	79.2						35	107	
2-Nitroaniline	1,667	1,600	95.5						42	118	
Dimethylphthalate	1,667	1,400	85.8						49	112	
2,6-Dinitrotoluene	1,667	1,400	85.6						50	109	
Acenaphthylene	1,667	1,400	81.5						43	107	
3-Nitroaniline	1,667	3,500	212						40	95	S
Acenaphthene	1,667	1,500	87.2						45	109	
2,4-Dinitrophenol	1,667	< 830	30.7						10	80	
4-Nitrophenol	1,667	1,200	74.7						26	118	
Dibenzofuran	1,667	1,400	85.0						48	112	
2,4-Dinitrotoluene	1,667	1,500	87.5						49	112	
Diethylphthalate	1,667	1,500	90.0						51	114	
Fluorene	1,667	1,400	86.5						47	108	
4-Chlorophenyl-phenylether	1,667	1,400	83.9						48	111	
4-Nitroaniline	1,667	1,800	110						46	110	S
4,6-Dinitro-2-methylphenol	1,667	< 830	28.0						16	104	
N-Nitrosodiphenylamine	1,667	1,200	72.9						39	90	
4-Bromophenyl-phenylether	1,667	1,400	82.3						50	116	
Hexachlorobenzene	1,667	1,300	79.2						51	110	
Surr: 2-Fluorophenol	2,500	2,100	84.5						25	121	
Surr: Nitrobenzene-d5	1,667	1,400	84.5						23	120	
Surr: Phenol-d5	2,500	2,300	92.5						24	113	
Surr: 2,4,6-Tribromophenol	2,500	2,100	83.7						19	122	
Surr: 2-Fluorobiphenyl	1,667	1,400	84.3						30	115	
Surr: 4-Terphenyl-d14	1,667	990	59.2						18	137	
Surr: 2-Chlorophenol-d4	2,500	2,200	88.3						20	130	
Surr: 1,2-Dichlorobenzene-d4	1,667	1,400	82.8						20	130	

Laboratory Control Sample (LCS/LFB)

RunID: 66250 SeqNo 1440323 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: EAG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Phenol	1,667	1,300	78.9						38	104	
Bis(2-chloroethyl)ether	1,667	1,100	64.7						32	116	
2-Chlorophenol	1,667	1,300	80.7						36	109	
1,3-Dichlorobenzene	1,667	1,400	82.7						34	104	
1,4-Dichlorobenzene	1,667	1,400	84.1						35	108	

Qualifiers:

* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
D Dilution was required.	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
M Manual Integration used to determine area response	N Tentatively identified compounds
ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
S Spike Recovery outside accepted recovery limits	



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Laboratory Control Sample (LCS/LFB)

RunID: 66250 SeqNo 1440323 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: EAG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
1,2-Dichlorobenzene	1,667	1,400	83.3						36	107	
2-Methylphenol	1,667	1,300	79.9						36	104	
2,2'-oxybis(1-Chloropropane)	1,667	1,200	72.0						33	116	
4-Methylphenol	1,667	1,400	83.2						26	119	
N-Nitroso-di-n-propylamine	1,667	1,400	83.4						33	109	
Hexachloroethane	1,667	1,300	80.9						34	105	
Nitrobenzene	1,667	1,400	84.6						36	119	
Isophorone	1,667	1,500	89.2						14	129	
2-Nitrophenol	1,667	1,300	76.8						36	117	
2,4-Dimethylphenol	1,667	1,200	70.1						24	96	
bis(2-Chloroethoxy)methane	1,667	1,500	87.8						29	112	
2,4-Dichlorophenol	1,667	1,400	83.0						41	117	
1,2,4-Trichlorobenzene	1,667	1,400	81.7						35	110	
Naphthalene	1,667	1,400	85.1						18	142	
4-Chloroaniline	1,667	1,900	116						29	88	S
Hexachlorobutadiene	1,667	1,400	81.1						36	118	
4-Chloro-3-methylphenol	1,667	1,400	85.5						45	118	
2-Methylnaphthalene	1,667	1,400	81.4						31	135	
Hexachlorocyclopentadiene	1,667	1,100	64.2						10	97	
2,4,6-Trichlorophenol	1,667	1,300	79.6						45	110	
2,4,5-Trichlorophenol	1,667	1,300	79.9						45	111	
2-Chloronaphthalene	1,667	1,300	79.2						35	107	
2-Nitroaniline	1,667	1,600	95.5						42	118	
Dimethylphthalate	1,667	1,400	85.8						49	112	
Acenaphthylene	1,667	1,400	81.5						43	107	
2,6-Dinitrotoluene	1,667	1,400	85.6						50	109	
3-Nitroaniline	1,667	3,500	212						40	95	S
Acenaphthene	1,667	1,500	87.2						45	109	
2,4-Dinitrophenol	1,667	< 830	30.7						10	80	
4-Nitrophenol	1,667	1,200	74.7						26	118	
Dibenzofuran	1,667	1,400	85.0						48	112	
2,4-Dinitrotoluene	1,667	1,500	87.5						49	112	
Diethylphthalate	1,667	1,500	90.0						51	114	
4-Chlorophenyl-phenylether	1,667	1,400	83.9						48	111	
Fluorene	1,667	1,400	86.5						47	108	
4-Nitroaniline	1,667	1,800	110						46	110	S
4,6-Dinitro-2-methylphenol	1,667	< 830	28.0						16	104	
N-Nitrosodiphenylamine	1,667	1,200	72.9						39	90	
4-Bromophenyl-phenylether	1,667	1,400	82.3						50	116	
Hexachlorobenzene	1,667	1,300	79.2						51	110	
Pentachlorophenol	1,667	950	56.7						22	115	
Phenanthrene	1,667	1,400	84.5						47	124	
Anthracene	1,667	1,400	84.1						50	117	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Laboratory Control Sample (LCS/LFB)

RunID: 66250 SeqNo 1440323 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: EAG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Carbazole	1,667	1,500	88.4						51	114	
Di-n-butyl phthalate	1,667	1,600	94.3						53	124	
Fluoranthene	1,667	1,400	85.3						45	126	
Pyrene	1,667	1,300	79.1						49	132	
Butyl benzyl phthalate	1,667	1,500	87.2						54	130	
3,3'-Dichlorobenzidine	1,667	2,100	125						41	116	S
Benzo(a)anthracene	1,667	1,300	80.3						52	116	
Chrysene	1,667	1,400	83.3						48	121	
bis(2-Ethylhexyl)phthalate	1,667	1,500	91.7						60	127	
Di-n-octyl phthalate	1,667	1,400	84.7						46	141	
Benzo(b)fluoranthene	1,667	1,100	67.5						45	122	
Benzo(k)fluoranthene	1,667	1,300	80.4						54	124	
Benzo(a)pyrene	1,667	1,200	71.3						56	119	
Indeno(1,2,3-cd)pyrene	1,667	1,200	74.2						50	108	
Dibenzo(a,h)anthracene	1,667	1,200	71.9						52	109	
Benzo(g,h,i)perylene	1,667	1,200	73.3						30	107	
Surr: 2-Fluorophenol	2,500	2,100	84.5						25	121	
Surr: Nitrobenzene-d5	1,667	1,400	84.5						23	120	
Surr: Phenol-d5	2,500	2,300	92.5						24	113	
Surr: 2,4,6-Tribromophenol	2,500	2,100	83.7						19	122	
Surr: 2-Fluorobiphenyl	1,667	1,400	84.3						30	115	
Surr: 4-Terphenyl-d14	1,667	990	59.2						18	137	
Surr: 2-Chlorophenol-d4	2,500	2,200	88.3						20	130	
Surr: 1,2-Dichlorobenzene-d4	1,667	1,400	82.8						20	130	

Laboratory Control Sample (LCS/LFB)

RunID: 66176 SeqNo 1438516 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: EAG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Acenaphthylene	1,667	1,400	81.5						43	107	
Naphthalene	1,667	1,400	85.1						18	142	
Acenaphthene	1,667	1,500	87.2						45	109	
Fluorene	1,667	1,400	86.5						47	108	
Phenanthrene	1,667	1,400	84.5						47	124	
Anthracene	1,667	1,400	84.1						50	117	
Fluoranthene	1,667	1,400	85.3						45	126	
Pyrene	1,667	1,300	79.1						49	132	
Benzo(a)anthracene	1,667	1,300	80.3						52	116	
Chrysene	1,667	1,400	83.3						48	121	
Benzo(b)fluoranthene	1,667	1,100	67.5						45	122	
Benzo(k)fluoranthene	1,667	1,300	80.4						54	124	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: SVOCS IN SOIL

WorkOrder: 1411G60

Method: 8270_S_TCL

Lab Batch ID: 47398

Laboratory Control Sample (LCS/LFB)

RunID: 66176 SeqNo 1438516 Units: µg/Kg

Analysis Date: 12/3/2014 10:30:00 AM Analyst: EAG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Benzo(a)pyrene	1,667	1,200	71.3						56	119	
Indeno(1,2,3-cd)pyrene	1,667	1,200	74.2						50	108	
Dibenzo(a,h)anthracene	1,667	1,200	71.9						52	109	
Benzo(g,h,i)perylene	1,667	1,200	73.3						30	107	
Surr: Nitrobenzene-d5	1,667	1,400	84.5						23	120	
Surr: 2-Fluorobiphenyl	1,667	1,400	84.3						30	115	
Surr: 4-Terphenyl-d14	1,667	990	59.2						18	137	
Surr: 1,2-Dichlorobenzene-d4	1,667	1,400	82.8						20	130	

Method Blank

RunID: 66110 SeqNo 1436847 Units: µg/Kg

Analysis Date: 12/1/2014 7:06:00 PM Analyst: GKB

Analyte	Result	Rep Limit	Rep Qual
Dichlorodifluoromethane	< 1,300	1,300	D
Chloromethane	< 1,300	1,300	D
Vinyl chloride	< 1,300	1,300	D
Bromomethane	< 1,300	1,300	D
Chloroethane	< 1,300	1,300	D
Trichlorofluoromethane	< 1,300	1,300	D
1,1-Dichloroethene	< 1,300	1,300	D
Freon-113	< 1,300	1,300	D
Acetone	< 1,300	1,300	D
Methylene chloride	< 1,300	1,300	D
trans-1,2-Dichloroethene	< 1,300	1,300	D
Methyl tert-butyl ether	< 1,300	1,300	D
1,1-Dichloroethane	< 1,300	1,300	D
2,2-Dichloropropane	< 1,300	1,300	D
cis-1,2-Dichloroethene	< 1,300	1,300	D
2-Butanone	< 1,300	1,300	D
Bromochloromethane	< 1,300	1,300	D
Chloroform	< 1,300	1,300	D
1,1,1-Trichloroethane	< 1,300	1,300	D
1,1-Dichloropropene	< 1,300	1,300	D
Carbon tetrachloride	< 1,300	1,300	D
Benzene	< 1,300	1,300	D
1,2-Dichloroethane	< 1,300	1,300	D
Trichloroethene	< 1,300	1,300	D
1,2-Dichloropropane	< 1,300	1,300	D
Dibromomethane	< 1,300	1,300	D
Bromodichloromethane	< 1,300	1,300	D
cis-1,3-Dichloropropene	< 1,300	1,300	D
4-Methyl-2-pentanone	< 1,300	1,300	D

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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Quality Control Report

PACE ANALYTICAL

10478

Analysis: EXPANDED LIST VOCs IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66110

Method Blank

RunID: 66110 SeqNo 1436847 Units: µg/Kg

Analysis Date: 12/1/2014 7:06:00 PM Analyst: GKB

Analyte	Result	Rep Limit	Rep Qual
Toluene	< 1,300	1,300	D
trans-1,3-Dichloropropene	< 1,300	1,300	D
1,1,2-Trichloroethane	< 1,300	1,300	D
Tetrachloroethene	< 1,300	1,300	D
1,3-Dichloropropane	< 1,300	1,300	D
Dibromochloromethane	< 1,300	1,300	D
1,2-Dibromoethane	< 1,300	1,300	D
Chlorobenzene	< 1,300	1,300	D
Ethylbenzene	< 1,300	1,300	D
1,1,1,2-Tetrachloroethane	< 1,300	1,300	D
m,p-Xylene	< 1,300	1,300	D
o-Xylene	< 1,300	1,300	D
Xylene (total)	< 1,300	1,300	D
Styrene	< 1,300	1,300	D
Bromoform	< 1,300	1,300	D
Isopropylbenzene	< 1,300	1,300	D
1,1,2,2-Tetrachloroethane	< 1,300	1,300	D
1,2,3-Trichloropropane	< 1,300	1,300	D
Bromobenzene	< 1,300	1,300	D
n-Propylbenzene	< 1,300	1,300	D
2-Chlorotoluene/4-Chlorotoluene	< 1,300	1,300	D
1,3,5-Trimethylbenzene/P-ethyltoluene	< 1,300	1,300	D
tert-Butylbenzene	< 1,300	1,300	D
1,2,4-Trimethylbenzene	< 1,300	1,300	D
sec-Butylbenzene	< 1,300	1,300	D
4-Isopropyltoluene	< 1,300	1,300	D
1,3-Dichlorobenzene	< 1,300	1,300	D
1,4-Dichlorobenzene	< 1,300	1,300	D
Naphthalene	< 1,300	1,300	D
n-Butylbenzene	< 1,300	1,300	D
1,2,3-Trichlorobenzene	< 1,300	1,300	D
1,2-Dichlorobenzene	< 1,300	1,300	D
1,2-Dibromo-3-chloropropane	< 1,300	1,300	D
Hexachlorobutadiene	< 1,300	1,300	D
1,2,4-Trichlorobenzene	< 1,300	1,300	D
Surr: 1,2-Dichloroethane-d4	7,100	1,300	D
Surr: Toluene-d8	5,700	1,300	D
Surr: 4-Bromofluorobenzene	5,800	1,300	D

Laboratory Control Sample (LCS/LFB)

RunID: 66110 SeqNo 1436848 Units: µg/Kg

Analysis Date: 12/1/2014 8:01:00 PM Analyst: GKB

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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10478

Analysis: EXPANDED LIST VOCs IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66110

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Dichlorodifluoromethane	6,250	5,000	80.6						10	155	D
Chloromethane	6,250	6,300	101						44	139	D
Vinyl chloride	6,250	5,300	84.9						45	137	D
Bromomethane	6,250	2,300	36.1						32	186	D
Chloroethane	6,250	1,900	30.3						50	159	DS
Trichlorofluoromethane	6,250	4,000	63.2						38	166	D
1,1-Dichloroethene	6,250	5,100	82.1						47	152	D
Freon-113	6,250	4,100	65.6						44	163	D
Acetone	6,250	5,800	92.5						23	196	D
Methylene chloride	6,250	5,800	92.9						50	164	D
trans-1,2-Dichloroethene	6,250	6,000	96.2						53	157	D
Methyl tert-butyl ether	6,250	7,100	114						25	171	D
1,1-Dichloroethane	6,250	6,100	97.0						53	160	D
2,2-Dichloropropane	6,250	6,400	102						55	140	D
cis-1,2-Dichloroethene	6,250	6,400	102						75	130	D
2-Butanone	6,250	5,200	82.5						52	164	D
Bromochloromethane	6,250	6,600	106						78	136	D
Chloroform	6,250	6,000	95.5						71	135	D
1,1,1-Trichloroethane	6,250	6,100	97.4						59	134	D
1,1-Dichloropropene	6,250	5,800	92.6						56	130	D
Carbon tetrachloride	6,250	5,800	92.1						57	135	D
Benzene	6,250	6,500	104						65	129	D
1,2-Dichloroethane	6,250	7,200	116						65	143	D
Trichloroethene	6,250	5,600	90.1						62	130	D
1,2-Dichloropropane	6,250	7,000	112						72	131	D
Dibromomethane	6,250	6,800	109						75	136	D
Bromodichloromethane	6,250	7,300	117						74	141	D
cis-1,3-Dichloropropene	6,250	7,200	115						74	140	D
4-Methyl-2-pentanone	6,250	7,400	119						63	154	D
Toluene	6,250	6,300	100						66	131	D
trans-1,3-Dichloropropene	6,250	7,800	125						66	144	D
1,1,2-Trichloroethane	6,250	7,000	113						73	135	D
Tetrachloroethene	6,250	4,300	69.3						10	176	D
1,3-Dichloropropane	6,250	6,400	103						73	130	D
Dibromochloromethane	6,250	6,800	109						71	133	D
1,2-Dibromoethane	6,250	6,800	109						76	138	D
Chlorobenzene	6,250	5,700	91.6						62	136	D
Ethylbenzene	6,250	5,700	91.5						59	135	D
1,1,1,2-Tetrachloroethane	6,250	6,300	101						74	140	D
m,p-Xylene	12,500	12,000	94.6						69	133	D
o-Xylene	6,250	6,000	96.3						71	135	D
Xylene (total)	18,750	18,000	96.2						62	135	D
Styrene	6,250	6,600	106						73	133	D
Bromoform	6,250	6,200	99.1						59	136	D
Isopropylbenzene	6,250	5,100	80.9						56	129	D
1,1,2,2-Tetrachloroethane	6,250	6,400	102						69	132	D
1,2,3-Trichloropropane	6,250	6,100	97.3						67	129	D

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: EXPANDED LIST VOCS IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66110

Laboratory Control Sample (LCS/LFB)

RunID: 66110 SeqNo 1436848 Units: µg/Kg

Analysis Date: 12/1/2014 8:01:00 PM Analyst: GKB

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Bromobenzene	6,250	5,500	88.5						63	130	D
n-Propylbenzene	6,250	5,300	84.4						56	125	D
2-Chlorotoluene/4-Chlorotoluene	12,500	11,000	87.6						62	125	D
1,3,5-Trimethylbenzene/P-ethyltoluene	12,500	10,000	83.2						49	134	D
tert-Butylbenzene	6,250	5,100	82.2						56	127	D
1,2,4-Trimethylbenzene	6,250	5,600	89.8						59	126	D
sec-Butylbenzene	6,250	4,900	78.2						50	126	D
4-Isopropyltoluene	6,250	5,100	81.1						54	126	D
1,3-Dichlorobenzene	6,250	5,500	87.3						64	124	D
1,4-Dichlorobenzene	6,250	5,500	88.7						61	127	D
Naphthalene	6,250	5,100	82.3						55	145	D
n-Butylbenzene	6,250	5,000	80.6						54	121	D
1,2,3-Trichlorobenzene	6,250	5,000	80.5						48	144	D
1,2-Dichlorobenzene	6,250	5,800	92.2						67	125	D
1,2-Dibromo-3-chloropropane	6,250	5,700	91.5						57	140	D
Hexachlorobutadiene	6,250	3,900	62.3						19	152	D
1,2,4-Trichlorobenzene	6,250	4,700	75.2						52	140	D
Surr: 1,2-Dichloroethane-d4	6,250	6,400	103						33	145	D
Surr: Toluene-d8	6,250	5,800	93.5						60	132	D
Surr: 4-Bromofluorobenzene	6,250	5,900	94.5						60	148	D

NOTES:

Results reported on wet weight basis

Method Blank

RunID: 66197 SeqNo 1438835 Units: µg/Kg

Analysis Date: 12/2/2014 1:39:00 PM Analyst: KG

Analyte	Result	Rep Limit	Rep Qual
Dichlorodifluoromethane	< 1,300	1,300	D
Chloromethane	< 1,300	1,300	D
Vinyl chloride	< 1,300	1,300	D
Bromomethane	< 1,300	1,300	D
Chloroethane	< 1,300	1,300	D
Trichlorofluoromethane	< 1,300	1,300	D
1,1-Dichloroethene	< 1,300	1,300	D
Freon-113	< 1,300	1,300	D
Acetone	< 1,300	1,300	D
Methylene chloride	< 1,300	1,300	D
trans-1,2-Dichloroethene	< 1,300	1,300	D
Methyl tert-butyl ether	< 1,300	1,300	D
1,1-Dichloroethane	< 1,300	1,300	D
2,2-Dichloropropane	< 1,300	1,300	D

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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Quality Control Report

PACE ANALYTICAL

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Analysis: EXPANDED LIST VOCS IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66197

Method Blank

RunID: 66197 SeqNo 1438835 Units: µg/Kg

Analysis Date: 12/2/2014 1:39:00 PM Analyst: KG

Analyte	Result	Rep Limit	Rep Qual
cis-1,2-Dichloroethene	< 1,300	1,300	D
2-Butanone	< 1,300	1,300	D
Bromochloromethane	< 1,300	1,300	D
Chloroform	< 1,300	1,300	D
1,1,1-Trichloroethane	< 1,300	1,300	D
1,1-Dichloropropene	< 1,300	1,300	D
Carbon tetrachloride	< 1,300	1,300	D
Benzene	< 1,300	1,300	D
1,2-Dichloroethane	< 1,300	1,300	D
Trichloroethene	< 1,300	1,300	D
1,2-Dichloropropane	< 1,300	1,300	D
Dibromomethane	< 1,300	1,300	D
Bromodichloromethane	< 1,300	1,300	D
cis-1,3-Dichloropropene	< 1,300	1,300	D
4-Methyl-2-pentanone	< 1,300	1,300	D
Toluene	< 1,300	1,300	D
trans-1,3-Dichloropropene	< 1,300	1,300	D
1,1,2-Trichloroethane	< 1,300	1,300	D
Tetrachloroethene	< 1,300	1,300	D
1,3-Dichloropropane	< 1,300	1,300	D
Dibromochloromethane	< 1,300	1,300	D
1,2-Dibromoethane	< 1,300	1,300	D
Chlorobenzene	< 1,300	1,300	D
Ethylbenzene	< 1,300	1,300	D
1,1,1,2-Tetrachloroethane	< 1,300	1,300	D
m,p-Xylene	< 1,300	1,300	D
o-Xylene	< 1,300	1,300	D
Xylene (total)	< 1,300	1,300	D
Styrene	< 1,300	1,300	D
Bromoform	< 1,300	1,300	D
Isopropylbenzene	< 1,300	1,300	D
1,1,2,2-Tetrachloroethane	< 1,300	1,300	D
1,2,3-Trichloropropane	< 1,300	1,300	D
Bromobenzene	< 1,300	1,300	D
n-Propylbenzene	< 1,300	1,300	D
2-Chlorotoluene/4-Chlorotoluene	< 1,300	1,300	D
1,3,5-Trimethylbenzene/P-ethyltoluene	< 1,300	1,300	D
tert-Butylbenzene	< 1,300	1,300	D
1,2,4-Trimethylbenzene	< 1,300	1,300	D
sec-Butylbenzene	< 1,300	1,300	D
4-Isopropyltoluene	< 1,300	1,300	D
1,3-Dichlorobenzene	< 1,300	1,300	D
1,4-Dichlorobenzene	< 1,300	1,300	D
Naphthalene	< 1,300	1,300	D

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	D Dilution was required.	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	M Manual Integration used to determine area response	N Tentatively identified compounds
	ND Not Detected at the Reporting Limit	O RSD is greater than RSDlimit
	S Spike Recovery outside accepted recovery limits	

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Quality Control Report

PACE ANALYTICAL

10478

Analysis: EXPANDED LIST VOCS IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66197

Method Blank

RunID: 66197 SeqNo 1438835 Units: µg/Kg

Analysis Date: 12/2/2014 1:39:00 PM Analyst: KG

Analyte	Result	Rep Limit	Rep Qual
n-Butylbenzene	< 1,300	1,300	D
1,2,3-Trichlorobenzene	< 1,300	1,300	D
1,2-Dichlorobenzene	< 1,300	1,300	D
1,2-Dibromo-3-chloropropane	< 1,300	1,300	D
Hexachlorobutadiene	< 1,300	1,300	D
1,2,4-Trichlorobenzene	< 1,300	1,300	D
Surr: 1,2-Dichloroethane-d4	7,200	1,300	D
Surr: Toluene-d8	6,000	1,300	D
Surr: 4-Bromofluorobenzene	5,300	1,300	D

Laboratory Control Sample (LCS/LFB)

RunID: 66197 SeqNo 1438836 Units: µg/Kg

Analysis Date: 12/2/2014 2:06:00 PM Analyst: KG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Dichlorodifluoromethane	6,250	5,300	84.0						10	155	D
Chloromethane	6,250	5,500	87.4						44	139	D
Vinyl chloride	6,250	4,700	75.6						45	137	D
Bromomethane	6,250	6,300	101						32	186	D
Chloroethane	6,250	5,300	85.1						50	159	D
Trichlorofluoromethane	6,250	5,500	88.2						38	166	D
1,1-Dichloroethene	6,250	5,400	85.6						47	152	D
Freon-113	6,250	5,700	91.9						44	163	D
Acetone	6,250	4,900	78.2						23	196	D
Methylene chloride	6,250	5,700	92.0						50	164	D
trans-1,2-Dichloroethene	6,250	5,900	94.0						53	157	D
Methyl tert-butyl ether	6,250	6,400	103						25	171	D
1,1-Dichloroethane	6,250	5,700	91.3						53	160	D
2,2-Dichloropropane	6,250	6,100	98.4						55	140	D
cis-1,2-Dichloroethene	6,250	6,000	95.7						75	130	D
2-Butanone	6,250	4,800	77.3						52	164	D
Bromochloromethane	6,250	6,500	105						78	136	D
Chloroform	6,250	5,900	94.8						71	135	D
1,1,1-Trichloroethane	6,250	6,400	103						59	134	D
1,1-Dichloropropene	6,250	6,000	96.5						56	130	D
Carbon tetrachloride	6,250	6,300	101						57	135	D
Benzene	6,250	6,500	105						65	129	D
1,2-Dichloroethane	6,250	6,900	110						65	143	D
Trichloroethene	6,250	5,800	92.4						62	130	D
1,2-Dichloropropane	6,250	7,000	112						72	131	D
Dibromomethane	6,250	6,900	110						75	136	D
Bromodichloromethane	6,250	7,500	120						74	141	D
cis-1,3-Dichloropropene	6,250	7,200	115						74	140	D

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



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Quality Control Report

PACE ANALYTICAL

10478

Analysis: EXPANDED LIST VOCS IN S

WorkOrder: 1411G60

Method: 8260_S_SUFF

Lab Batch ID: R66197

Laboratory Control Sample (LCS/LFB)

RunID: 66197 SeqNo 1438836 Units: µg/Kg

Analysis Date: 12/2/2014 2:06:00 PM Analyst: KG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
4-Methyl-2-pentanone	6,250	6,800	108						63	154	D
Toluene	6,250	6,500	104						66	131	D
trans-1,3-Dichloropropene	6,250	7,700	124						66	144	D
1,1,2-Trichloroethane	6,250	7,000	113						73	135	D
Tetrachloroethene	6,250	4,700	74.4						10	176	D
1,3-Dichloropropane	6,250	6,600	106						73	130	D
Dibromochloromethane	6,250	7,000	111						71	133	D
1,2-Dibromoethane	6,250	6,900	110						76	138	D
Chlorobenzene	6,250	5,900	94.0						62	136	D
Ethylbenzene	6,250	6,100	97.0						59	135	D
1,1,1,2-Tetrachloroethane	6,250	6,400	103						74	140	D
m,p-Xylene	12,500	12,000	99.7						69	133	D
o-Xylene	6,250	6,200	99.6						71	135	D
Xylene (total)	18,750	19,000	101						62	135	D
Styrene	6,250	6,900	110						73	133	D
Bromoform	6,250	6,300	100						59	136	D
Isopropylbenzene	6,250	5,600	89.5						56	129	D
1,1,2,2-Tetrachloroethane	6,250	6,400	102						69	132	D
1,2,3-Trichloropropane	6,250	6,200	98.5						67	129	D
Bromobenzene	6,250	5,700	91.4						63	130	D
n-Propylbenzene	6,250	5,900	94.3						56	125	D
2-Chlorotoluene/4-Chlorotoluene	12,500	12,000	95.5						62	125	D
1,3,5-Trimethylbenzene/P-ethyltoluene	12,500	12,000	95.9						49	134	D
tert-Butylbenzene	6,250	5,600	90.1						56	127	D
1,2,4-Trimethylbenzene	6,250	6,100	97.4						59	126	D
sec-Butylbenzene	6,250	5,500	87.6						50	126	D
4-Isopropyltoluene	6,250	5,500	88.7						54	126	D
1,3-Dichlorobenzene	6,250	5,800	92.9						64	124	D
1,4-Dichlorobenzene	6,250	5,900	94.4						61	127	D
Naphthalene	6,250	5,300	85.5						55	145	D
n-Butylbenzene	6,250	5,600	89.1						54	121	D
1,2,3-Trichlorobenzene	6,250	5,200	83.1						48	144	D
1,2-Dichlorobenzene	6,250	5,900	95.2						67	125	D
1,2-Dibromo-3-chloropropane	6,250	5,600	89.6						57	140	D
Hexachlorobutadiene	6,250	3,900	63.2						19	152	D
1,2,4-Trichlorobenzene	6,250	4,800	77.2						52	140	D
Surr: 1,2-Dichloroethane-d4	6,250	6,500	105						33	145	D
Surr: Toluene-d8	6,250	5,900	94.0						60	132	D
Surr: 4-Bromofluorobenzene	6,250	5,700	91.8						60	148	D

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Dilution was required.
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- N Tentatively identified compounds
- O RSD is greater than RSDlimit



PACE ANALYTICAL
575 Broad Hollow Road
Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
Website: www.pacelabs.com

Sample Receipt Checklist

Client Name: **PACE-NY**

Date and Time Received: **11/25/2014 11:00:00 AM**

Work Order Number: **1411G60**

RcptNo: **1**

Received by: **Jamie Spero**

Completed by:

Reviewed by:

Completed Date: **11/25/2014 11:47:39 AM**

Reviewed Date: **12/4/2014 11:00:13 AM**

Carrier name: **FedEx**

Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Are matrices correctly identified on Chain of custody?	Yes ☒	No ☐		
Is it clear what analyses were requested?	Yes ☒	No ☐		
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present	☒
Samples in proper container/bottle?	Yes ☐	No ☒		
Were correct preservatives used and noted?	Yes ☐	No ☒	NA	☐
Preservative added to bottles:				
Sample Condition?	Intact ☒	Broken ☐	Leaking	☐
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
Were container labels complete (ID, Pres, Date)?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Was an attempt made to cool the samples?	Yes ☒	No ☐	NA	☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☒	No ☐	NA	☐
Response when temperature is outside of range:				
Sample Temp. taken and recorded upon receipt?	Yes ☒	No ☐	To 0.1 °	
Water - Were bubbles absent in VOC vials?	Yes ☐	No ☐	No Vials	☒
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA	☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	No Water	☒
Are Samples considered acceptable?	Yes ☒	No ☐		
Custody Seals present?	Yes ☐	No ☒		
Airbill or Sticker?	Air Bill ☒	Sticker ☐	Not Present	☐
Airbill No:	623146887326			

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? ☐ Yes ☐ No ☒ NA Person Contacted:
Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:
Client Instructions:
Date Contacted: Contacted By:
Regarding:
Comments:
SAMPLES WERE NOT PRESERVED PER METHOD 5035 FOR 8260 ANALYSIS NN 11/23/14
CorrectiveAction:

WorkOrder :
 1411G60

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MASSACHUSETTS	M-NY026
NEW HAMPSHIRE	2987
RHODE ISLAND	LAO 00340
PENNSYLVANIA	68-00350

Page 23 of 23

MEMO

TO: Ben Haith

FROM: Todd Bown

DATE: October 3, 2014

SUBJECT: Geotechnical Test Results for 9W Boices Lane, Kingston, New York

Tube Sample No. 1 (SB-6) from 20.0 – 22.0 feet
Gray-brown **Clayey SILT** with 0.06” to 0.125” thick Clay layers every 0.25 to 1.0”
Two lenses of fine Sand were observed in the upper 4”.
Sieve & Hydrometer – 99.8% passed a No. 200 screen. **88% Silt & 12% Clay**
Average Water Content % is 23.9
Average Conductivity is **8.1 x E -07 (Interval Tested 21.8 - 22.0 feet)**
P.I. = 5 L.I. = 1.36 LL = 23% PL = 18%
Average Torvane is 0.32 TSF

Tube Sample No. 2 (SB-6) from 30.0 – 32.0 feet
Gray-brown **Clayey SILT** with occasional 1.0” to 1.5” CLAY layers.
Sieve & Hydrometer – 99.4% passed a No. 200 screen. **92% Silt & 8% Clay**
Average Water Content % 24.26
Average Conductivity is **5.3 E -07 (Interval Tested 30.6 - 30.8 Feet)**
P.I. = 16 L.I. = 0.66 LL = 39% PL = 23% (Note: CLAY layer tested)
Average Torvane is 0.25 TSF

See Attached Testing Results

LABORATORY TESTING DATA SHEET

Matthew P. Gels

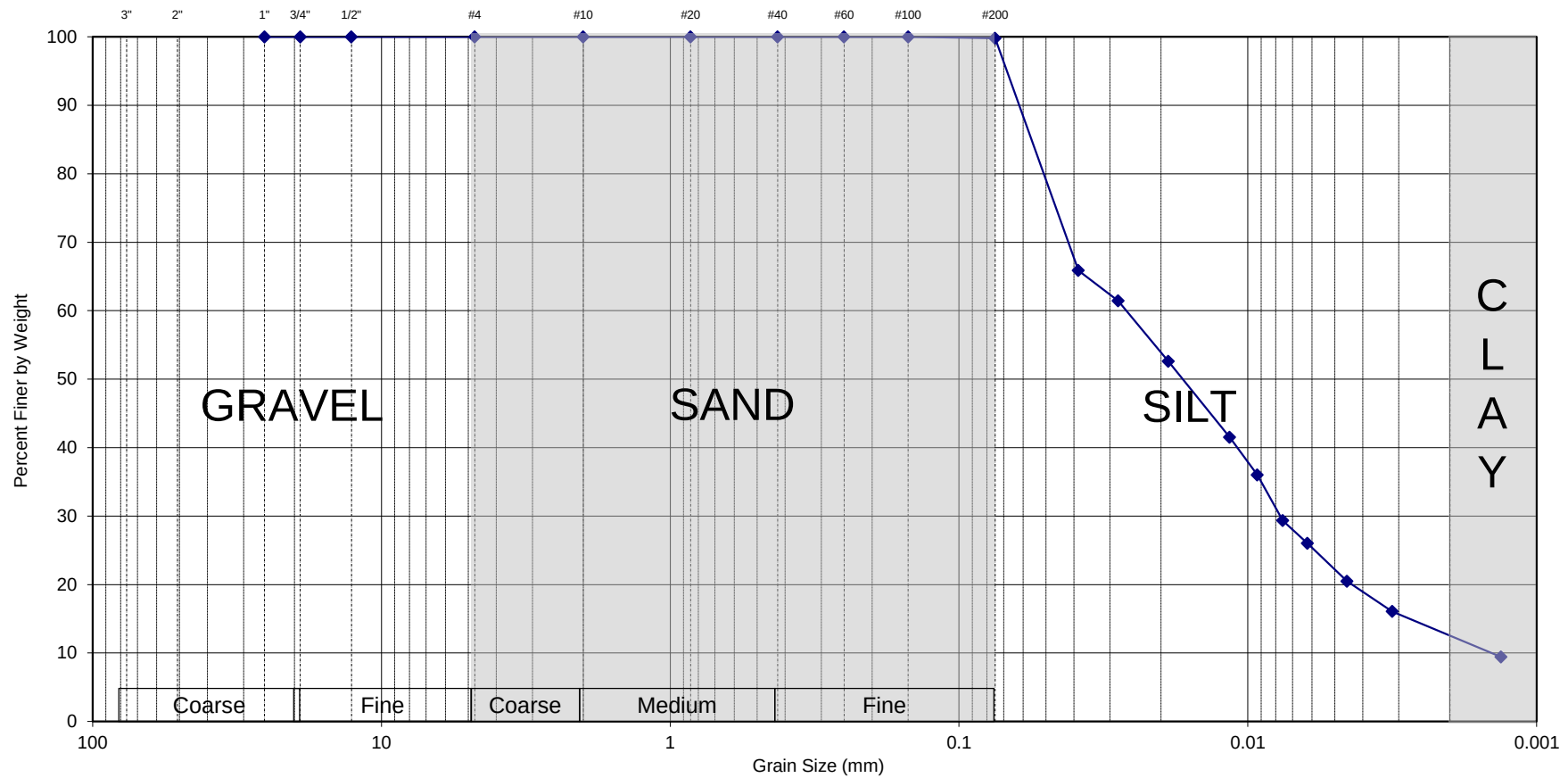
Project Name 9W Boices Lane
 Project No. 31.0180004.00
 Project Manager B. Haith

Project Location Kingston, NY
 Assigned By T. Bown
 Date 10/3/2014

Reviewed By _____
 Date Reviewed 10/3/2014

Boring/ Test Pit No.	Sample No.	Depth ft.	Lab No.	Identification Tests								Strength Tests					Perme- ability cm/sec	Laboratory Log and Soil Description
				Water Content %	LL %	PL %	Sieve -200 %	Hyd -2 μ %	ORG %	G _s	Dry unit wt. pcf	Torvane or Type Test	σ_c psf	Failure Criteria	$\sigma_1 - \sigma_3$ psf	Strain %		
T-1	SB-6	20- 22	1															Gray-brown Clayey SILT with .06" to .125" thick Clay layer every 0.25 to 1.0" Two lenses of fine Sand were observed in the upper 4"
		20.5		25.6								Tv= 0.27 tsf						
		20.6- 21.1																
		21.1		24.8								Tv= 0.30 tsf						
		21.2- 21.3			23	18												
		21.3- 21.4					99.8	12										
		21.7		22.8								Tv= 0.40 tsf						
		21.8 22.0		22.4							106.0						8.1 x 10 ⁻⁷	

U.S. STANDARD SIEVE AND HYDROMETER



Lab #	Exploration	Sample	Depth	Description	WC	LL	PL	PI
1	SB-6	T-1	21.3-21.4'	Gray-brown Clayey SILT				

Sieve Size	% Passing
3/4"	100.0
1/2"	100.0
#4	100.0
#10	100.0
#20	100.0
#40	100.0
#60	100.0
#100	100.0
#200	99.8

THIELSCH
ENGINEERING

195 Frances Ave., Cranston, RI 02910
401-467-6454

CTS-74-14-0003
9W Boices Lane
Kingston, NY
GZA File # 31.0180004.00

Tested by: LM Date: 10/1/14
Reviewed by: MBP Date: 10/3/14

9W Boices Lane
Kingston, NY

**HYDRAULIC CONDUCTIVITY USING A FLEXIBLE WALL PERMEAMETER
ASTM D5084**

GZA# 31.0180004.00

COMPLETED: 9/30/14

BORING / SAMPLE: SB-6 / T-1
DEPTH: 21.8-22.0'
SAMPLE TYPE: Triaxial Permeability
TEST SERIES NO.: K-1

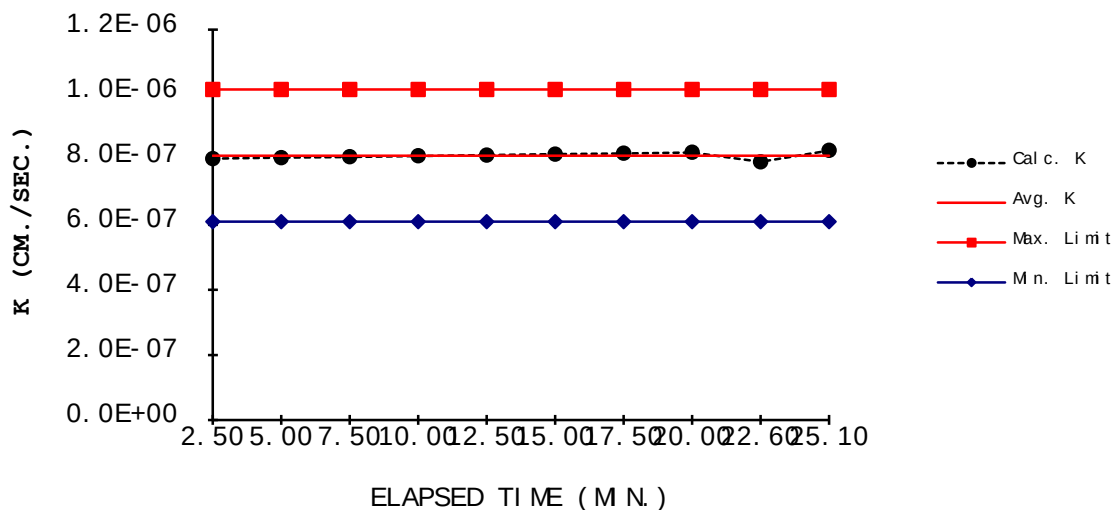
SAMPLE DATA:	INITIAL	FINAL
DIAMETER (in.)	2.852	2.843
LENGTH (in.)	2.001	1.995
WATER CONTENT (%)	22.4	21.1
DRY UNIT WEIGHT (pcf.)	106.0	107.0

TEST PARAMETERS:

TOTAL BACK PRESSURE (psi.)	60.0
MAXIMUM EFFECTIVE STRESS (psi.)	5.0
MINIMUM EFFECTIVE STRESS (psi.)	4.0
INITIAL HYDRAULIC GRADIENT	18.8
FINAL HYDRAULIC GRADIENT	18.2
PERMEANT LIQUID	DEAIRE D TAP WATER

AVERAGE HYDRAULIC CONDUCTIVITY (cm./sec.) 8.1E-07

PERMEABILITY vs TIME



LABORATORY TESTING DATA SHEET

Matthew P. Kelly

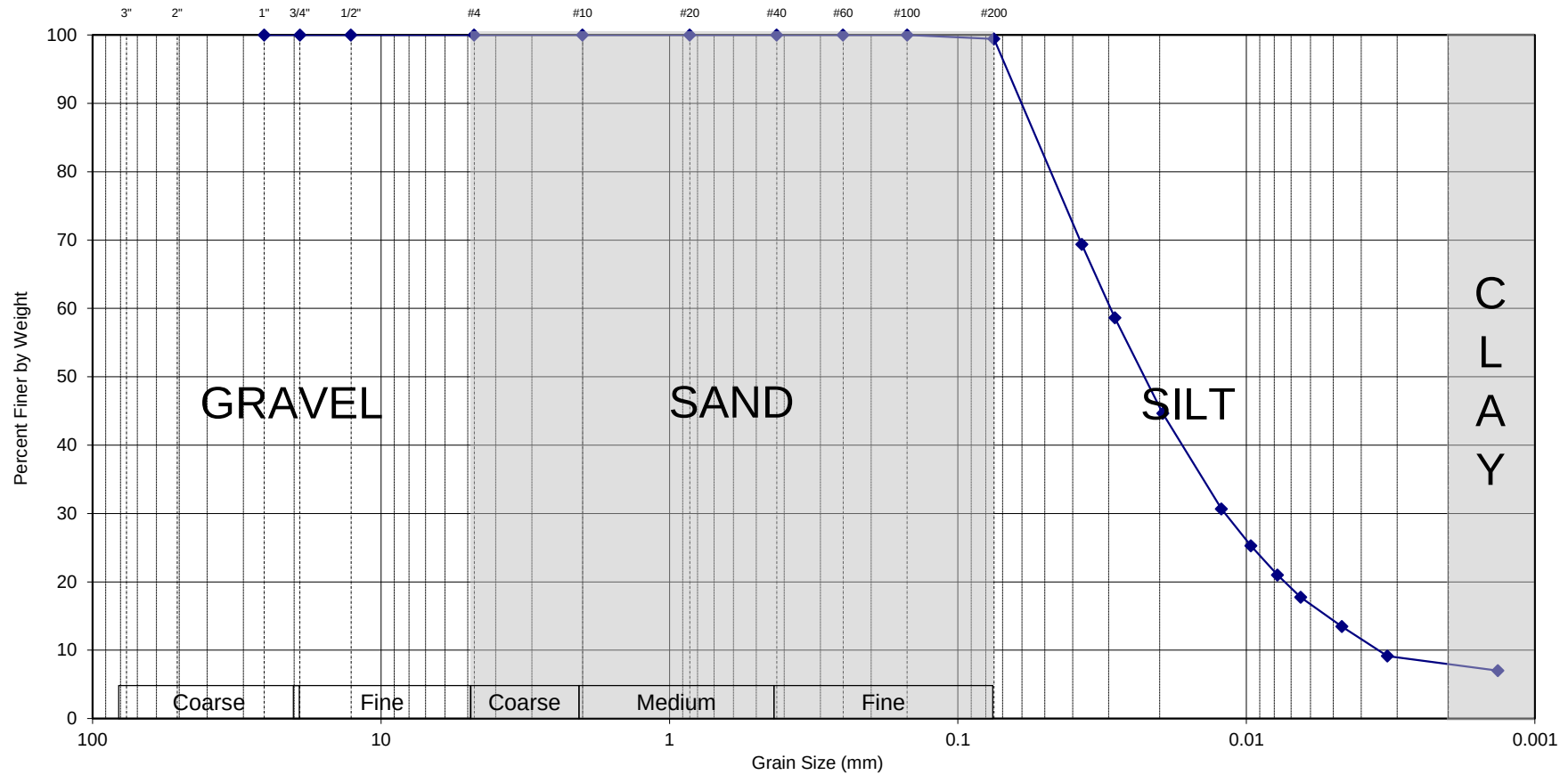
Project Name 9W Boices Lane
 Project No. 31.0180004.00
 Project Manager B. Haith

Project Location Kingston, NY
 Assigned By T. Bown
 Date 10/3/2014

Reviewed By _____
 Date Reviewed 10/3/2014

Boring/ Test Pit No.	Sample No.	Depth ft.	Lab No.	Identification Tests								Strength Tests					Perme- ability cm/sec	Laboratory Log and Soil Description
				Water Content %	LL %	PL %	Sieve -200 %	Hyd -2 μ %	ORG %	G _s	Dry unit wt. pcf	Torvane or Type Test	σ_c psf	Failure Criteria	$\sigma_1 - \sigma_3$ psf	Strain %		
T-2	SB-6	30-32	2	Average Total Unit Weight (30.0-32.0') = 121.1 pcf														From 30.0' to 31.0': Gray-brown Clayey SILT with occasional 1.0" to 1.5" CLAY layers
		30.3		21.2								Tv= 0.36 tsf						
		30.6-30.8		21.5							108.5						5.3 x 10 ⁻⁷	
		30.9		21.6								Tv= 0.20 tsf						
		31.0-31.1					99.4	8										
		31.1-31.2		33.5	39	23	(Clay Layer Tested)											
		31.5		23.5								Tv= 0.20 tsf						

U.S. STANDARD SIEVE AND HYDROMETER



Gravel
0.0%

Sand
0.6%

Fines
99.4%

Lab #	Exploration	Sample	Depth	Description	WC	LL	PL	PI
2	SB-6	T-2	31.0-31.1'	Gray-brown Clayey SILT				

Sieve Size	% Passing
3/4"	100.0
1/2"	100.0
#4	100.0
#10	100.0
#20	100.0
#40	100.0
#60	100.0
#100	100.0
#200	99.4



195 Frances Ave., Cranston, RI 02910
401-467-6454

CTS-74-14-0003
9W Boices Lane
Kingston, NY
GZA File # 31.0180004.00
Tested by: LM Date: 10/1/14
Reviewed by: MBP Date: 10/3/14

9W Boices Lane
Kingston, NY

**HYDRAULIC CONDUCTIVITY USING A FLEXIBLE WALL PERMEAMETER
ASTM D5084**

GZA# 31.0180004.00

COMPLETED: 9/30/14

BORING / SAMPLE: SB-6 / T-2
DEPTH: 30.6-30.8'
SAMPLE TYPE: Triaxial Permeability
TEST SERIES NO.: K-2

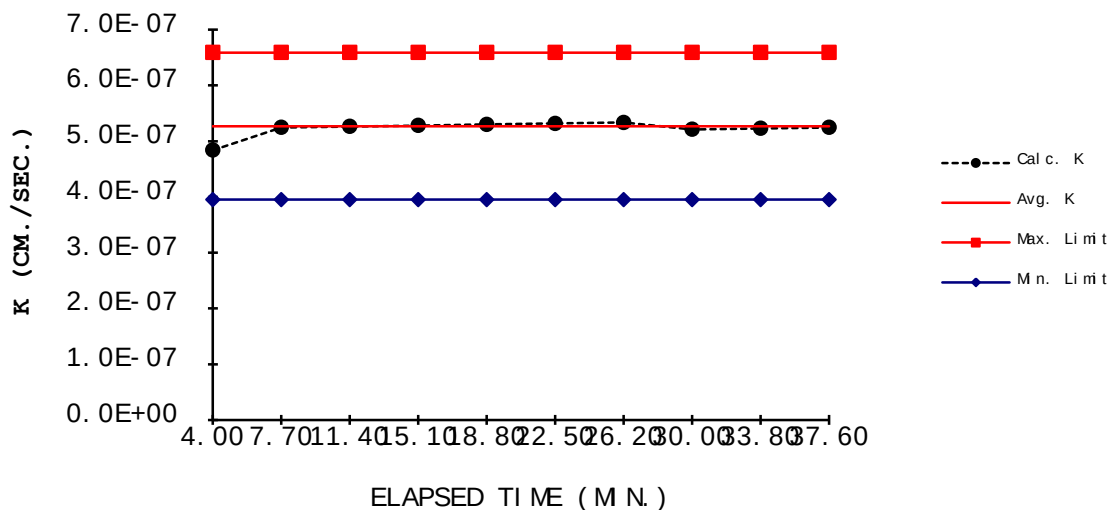
SAMPLE DATA:	INITIAL	FINAL
DIAMETER (in.)	2.886	2.873
LENGTH (in.)	2.008	1.999
WATER CONTENT (%)	21.5	19.1
DRY UNIT WEIGHT (pcf.)	108.5	109.9

TEST PARAMETERS:

TOTAL BACK PRESSURE (psi.)	60.0
MAXIMUM EFFECTIVE STRESS (psi.)	5.0
MINIMUM EFFECTIVE STRESS (psi.)	4.0
INITIAL HYDRAULIC GRADIENT	19.1
FINAL HYDRAULIC GRADIENT	18.5
PERMEANT LIQUID	DEAIRED TAP WATER

AVERAGE HYDRAULIC CONDUCTIVITY (cm./sec.) 5.3E-07

PERMEABILITY vs TIME



APPENDIX E
GROUNDWATER ANALYTICAL RESULTS



ANALYTICAL REPORT

Lab Number:	L1429482
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W/BOICES LANE
Project Number:	31.0180009.00
Report Date:	12/22/14

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: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429482-01	MW-17M	WATER	KINGSTON, NY	12/08/14 10:05	12/08/14
L1429482-02	MW-17S	WATER	KINGSTON, NY	12/08/14 10:20	12/08/14
L1429482-03	MW-18M	WATER	KINGSTON, NY	12/08/14 11:20	12/08/14
L1429482-04	MW-18S	WATER	KINGSTON, NY	12/08/14 11:25	12/08/14
L1429482-05	DUP2	WATER	KINGSTON, NY	12/08/14 12:08	12/08/14
L1429482-06	MW-14	WATER	KINGSTON, NY	12/08/14 12:50	12/08/14
L1429482-07	MW-4	WATER	KINGSTON, NY	12/08/14 12:55	12/08/14
L1429482-08	MW-6	WATER	KINGSTON, NY	12/08/14 14:15	12/08/14
L1429482-09	DUP1	WATER	KINGSTON, NY	12/08/14 14:20	12/08/14
L1429482-10	MW-5	WATER	KINGSTON, NY	12/08/14 14:00	12/08/14
L1429482-11	MW-8	WATER	KINGSTON, NY	12/08/14 15:00	12/08/14
L1429482-12	MW-3	WATER	KINGSTON, NY	12/08/14 15:00	12/08/14
L1429482-13	MW-9	WATER	KINGSTON, NY	12/08/14 16:15	12/08/14

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

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 client ID's and the collection dates/times were specified by the client.

Volatile Organics

The WG749158-4/-5 MS/MSD recoveries, performed on L1429482-03, are below the acceptance criteria for 1,2,3-trichlorobenzene (MSD, 68%), 1,2,4-trichlorobenzene (MSD, 68%), and 1,4-dioxane (52%/49%); however, the associated LCS/LCSD recoveries are within overall method allowances. The results of the sample utilized for the MS/MSD are considered to have a potentially low bias for these compounds.

The WG749158-6/-7 MS/MSD recoveries, performed on L1429482-12, are outside the acceptance criteria for tetrachloroethene (50%/29%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the sample utilized for the MS/MSD.

The WG749158-6 MS recovery, performed on L1429482-12, is below the acceptance criteria for 1,4-dioxane (54%); however, the associated LCS/LCSD recoveries are within overall method allowances. The results of the sample utilized for the MS/MSD are considered to have a potentially low bias for these compounds.

Semivolatile Organics

The WG748503-4/-5 MS/MSD RPD, performed on L1429482-03, is above the acceptance criteria for 2,4-dimethylphenol (32%).

Dissolved Organic Carbon

The samples were field filtered; therefore, a filter blank was not received.

L1429482-01 through -03: The DOC result is greater than the TOC result due to the filtering procedure required by the DOC method.

L1429482-04 through -13 have elevated detection limits due to the dilutions required by the sample matrix.

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

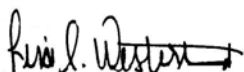
Case Narrative (continued)

Total Organic Carbon

L1429482-01, -02, -07 and -12 have elevated detection limits due to the dilutions required by the sample matrix.

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: 12/22/14

ORGANICS

VOLATILES

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01
Client ID: MW-17M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/12/14 19:41
Analyst: MS

Date Collected: 12/08/14 10:05
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	0.71	J	ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01

Date Collected: 12/08/14 10:05

Client ID: MW-17M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01
Client ID: MW-17M
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 10:05
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

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

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02
Client ID: MW-17S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/12/14 20:09
Analyst: MS

Date Collected: 12/08/14 10:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	100		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	2.2	J	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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02

Date Collected: 12/08/14 10:20

Client ID: MW-17S

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02
Client ID: MW-17S
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 10:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	105		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03
Client ID: MW-18M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 13:55
Analyst: PD

Date Collected: 12/08/14 11:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.76		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	2.0	J	ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03

Date Collected: 12/08/14 11:20

Client ID: MW-18M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	0.95	J	ug/l	2.5	0.70	1
1,4-Dichlorobenzene	1.1	J	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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03
Client ID: MW-18M
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 11:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-04 D
 Client ID: MW-18S
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/16/14 14:29
 Analyst: PD

Date Collected: 12/08/14 11:25
 Date Received: 12/08/14
 Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	100	28.	40
1,1-Dichloroethane	ND		ug/l	100	28.	40
Chloroform	ND		ug/l	100	28.	40
Carbon tetrachloride	ND		ug/l	20	5.4	40
1,2-Dichloropropane	ND		ug/l	40	5.3	40
Dibromochloromethane	ND		ug/l	20	6.0	40
1,1,2-Trichloroethane	ND		ug/l	60	20.	40
Tetrachloroethene	2600		ug/l	20	7.2	40
Chlorobenzene	ND		ug/l	100	28.	40
Trichlorofluoromethane	ND		ug/l	100	28.	40
1,2-Dichloroethane	ND		ug/l	20	5.3	40
1,1,1-Trichloroethane	ND		ug/l	100	28.	40
Bromodichloromethane	ND		ug/l	20	7.7	40
trans-1,3-Dichloropropene	ND		ug/l	20	6.6	40
cis-1,3-Dichloropropene	ND		ug/l	20	5.8	40
1,3-Dichloropropene, Total	ND		ug/l	20	5.8	40
1,1-Dichloropropene	ND		ug/l	100	28.	40
Bromoform	ND		ug/l	80	26.	40
1,1,2,2-Tetrachloroethane	ND		ug/l	20	5.8	40
Benzene	ND		ug/l	20	6.4	40
Toluene	ND		ug/l	100	28.	40
Ethylbenzene	ND		ug/l	100	28.	40
Chloromethane	ND		ug/l	100	28.	40
Bromomethane	ND		ug/l	100	28.	40
Vinyl chloride	ND		ug/l	40	13.	40
Chloroethane	ND		ug/l	100	28.	40
1,1-Dichloroethene	ND		ug/l	20	5.7	40
trans-1,2-Dichloroethene	ND		ug/l	100	28.	40
Trichloroethene	ND		ug/l	20	7.0	40
1,2-Dichlorobenzene	ND		ug/l	100	28.	40

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-04 D

Date Collected: 12/08/14 11:25

Client ID: MW-18S

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	100	28.	40
1,4-Dichlorobenzene	ND		ug/l	100	28.	40
Methyl tert butyl ether	ND		ug/l	100	28.	40
p/m-Xylene	ND		ug/l	100	28.	40
o-Xylene	ND		ug/l	100	28.	40
Xylenes, Total	ND		ug/l	100	28.	40
cis-1,2-Dichloroethene	ND		ug/l	100	28.	40
1,2-Dichloroethene, Total	ND		ug/l	100	28.	40
Dibromomethane	ND		ug/l	200	40.	40
1,2,3-Trichloropropane	ND		ug/l	100	28.	40
Acrylonitrile	ND		ug/l	200	60.	40
Styrene	ND		ug/l	100	28.	40
Dichlorodifluoromethane	ND		ug/l	200	40.	40
Acetone	ND		ug/l	200	58.	40
Carbon disulfide	ND		ug/l	200	40.	40
2-Butanone	ND		ug/l	200	78.	40
Vinyl acetate	ND		ug/l	200	40.	40
4-Methyl-2-pentanone	ND		ug/l	200	40.	40
2-Hexanone	ND		ug/l	200	40.	40
Bromochloromethane	ND		ug/l	100	28.	40
2,2-Dichloropropane	ND		ug/l	100	28.	40
1,2-Dibromoethane	ND		ug/l	80	26.	40
1,3-Dichloropropane	ND		ug/l	100	28.	40
1,1,1,2-Tetrachloroethane	ND		ug/l	100	28.	40
Bromobenzene	ND		ug/l	100	28.	40
n-Butylbenzene	ND		ug/l	100	28.	40
sec-Butylbenzene	ND		ug/l	100	28.	40
tert-Butylbenzene	ND		ug/l	100	28.	40
o-Chlorotoluene	ND		ug/l	100	28.	40
p-Chlorotoluene	ND		ug/l	100	28.	40
1,2-Dibromo-3-chloropropane	ND		ug/l	100	28.	40
Hexachlorobutadiene	ND		ug/l	100	28.	40
Isopropylbenzene	ND		ug/l	100	28.	40
p-Isopropyltoluene	ND		ug/l	100	28.	40
Naphthalene	ND		ug/l	100	28.	40
n-Propylbenzene	ND		ug/l	100	28.	40
1,2,3-Trichlorobenzene	ND		ug/l	100	28.	40
1,2,4-Trichlorobenzene	ND		ug/l	100	28.	40
1,3,5-Trimethylbenzene	ND		ug/l	100	28.	40



Project Name: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-04 D**Date Collected:** 12/08/14 11:25**Client ID:** MW-18S**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	100	28.	40
1,4-Dioxane	ND		ug/l	10000	1600	40
p-Diethylbenzene	ND		ug/l	80	28.	40
p-Ethyltoluene	ND		ug/l	80	28.	40
1,2,4,5-Tetramethylbenzene	ND		ug/l	80	26.	40
Ethyl ether	ND		ug/l	100	28.	40
trans-1,4-Dichloro-2-butene	ND		ug/l	100	28.	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05 D
Client ID: DUP2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 15:03
Analyst: PD

Date Collected: 12/08/14 12:08
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	100	28.	40
1,1-Dichloroethane	ND		ug/l	100	28.	40
Chloroform	ND		ug/l	100	28.	40
Carbon tetrachloride	ND		ug/l	20	5.4	40
1,2-Dichloropropane	ND		ug/l	40	5.3	40
Dibromochloromethane	ND		ug/l	20	6.0	40
1,1,2-Trichloroethane	ND		ug/l	60	20.	40
Tetrachloroethene	2600		ug/l	20	7.2	40
Chlorobenzene	ND		ug/l	100	28.	40
Trichlorofluoromethane	ND		ug/l	100	28.	40
1,2-Dichloroethane	ND		ug/l	20	5.3	40
1,1,1-Trichloroethane	ND		ug/l	100	28.	40
Bromodichloromethane	ND		ug/l	20	7.7	40
trans-1,3-Dichloropropene	ND		ug/l	20	6.6	40
cis-1,3-Dichloropropene	ND		ug/l	20	5.8	40
1,3-Dichloropropene, Total	ND		ug/l	20	5.8	40
1,1-Dichloropropene	ND		ug/l	100	28.	40
Bromoform	ND		ug/l	80	26.	40
1,1,2,2-Tetrachloroethane	ND		ug/l	20	5.8	40
Benzene	ND		ug/l	20	6.4	40
Toluene	ND		ug/l	100	28.	40
Ethylbenzene	ND		ug/l	100	28.	40
Chloromethane	ND		ug/l	100	28.	40
Bromomethane	ND		ug/l	100	28.	40
Vinyl chloride	ND		ug/l	40	13.	40
Chloroethane	ND		ug/l	100	28.	40
1,1-Dichloroethene	ND		ug/l	20	5.7	40
trans-1,2-Dichloroethene	ND		ug/l	100	28.	40
Trichloroethene	ND		ug/l	20	7.0	40
1,2-Dichlorobenzene	ND		ug/l	100	28.	40

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05 D

Date Collected: 12/08/14 12:08

Client ID: DUP2

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	100	28.	40
1,4-Dichlorobenzene	ND		ug/l	100	28.	40
Methyl tert butyl ether	ND		ug/l	100	28.	40
p/m-Xylene	ND		ug/l	100	28.	40
o-Xylene	ND		ug/l	100	28.	40
Xylenes, Total	ND		ug/l	100	28.	40
cis-1,2-Dichloroethene	ND		ug/l	100	28.	40
1,2-Dichloroethene, Total	ND		ug/l	100	28.	40
Dibromomethane	ND		ug/l	200	40.	40
1,2,3-Trichloropropane	ND		ug/l	100	28.	40
Acrylonitrile	ND		ug/l	200	60.	40
Styrene	ND		ug/l	100	28.	40
Dichlorodifluoromethane	ND		ug/l	200	40.	40
Acetone	ND		ug/l	200	58.	40
Carbon disulfide	ND		ug/l	200	40.	40
2-Butanone	ND		ug/l	200	78.	40
Vinyl acetate	ND		ug/l	200	40.	40
4-Methyl-2-pentanone	ND		ug/l	200	40.	40
2-Hexanone	ND		ug/l	200	40.	40
Bromochloromethane	ND		ug/l	100	28.	40
2,2-Dichloropropane	ND		ug/l	100	28.	40
1,2-Dibromoethane	ND		ug/l	80	26.	40
1,3-Dichloropropane	ND		ug/l	100	28.	40
1,1,1,2-Tetrachloroethane	ND		ug/l	100	28.	40
Bromobenzene	ND		ug/l	100	28.	40
n-Butylbenzene	ND		ug/l	100	28.	40
sec-Butylbenzene	ND		ug/l	100	28.	40
tert-Butylbenzene	ND		ug/l	100	28.	40
o-Chlorotoluene	ND		ug/l	100	28.	40
p-Chlorotoluene	ND		ug/l	100	28.	40
1,2-Dibromo-3-chloropropane	ND		ug/l	100	28.	40
Hexachlorobutadiene	ND		ug/l	100	28.	40
Isopropylbenzene	ND		ug/l	100	28.	40
p-Isopropyltoluene	ND		ug/l	100	28.	40
Naphthalene	ND		ug/l	100	28.	40
n-Propylbenzene	ND		ug/l	100	28.	40
1,2,3-Trichlorobenzene	ND		ug/l	100	28.	40
1,2,4-Trichlorobenzene	ND		ug/l	100	28.	40
1,3,5-Trimethylbenzene	ND		ug/l	100	28.	40

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05 D

Date Collected: 12/08/14 12:08

Client ID: DUP2

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	100	28.	40
1,4-Dioxane	ND		ug/l	10000	1600	40
p-Diethylbenzene	ND		ug/l	80	28.	40
p-Ethyltoluene	ND		ug/l	80	28.	40
1,2,4,5-Tetramethylbenzene	ND		ug/l	80	26.	40
Ethyl ether	ND		ug/l	100	28.	40
trans-1,4-Dichloro-2-butene	ND		ug/l	100	28.	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	100		70-130

Project Name: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-06 D
Client ID: MW-14
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 15:38
Analyst: PD

Date Collected: 12/08/14 12:50
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.3	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	1700		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
1,3-Dichloropropene, Total	ND		ug/l	12	3.6	25
1,1-Dichloropropene	ND		ug/l	62	18.	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	3.6	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	8.2	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	ND		ug/l	12	3.6	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25
Trichloroethene	ND		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06 D

Date Collected: 12/08/14 12:50

Client ID: MW-14

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
Xylenes, Total	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	ND		ug/l	62	18.	25
1,2-Dichloroethene, Total	ND		ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
Vinyl acetate	ND		ug/l	120	25.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25
n-Propylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25



Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06 D

Date Collected: 12/08/14 12:50

Client ID: MW-14

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1000	25
p-Diethylbenzene	ND		ug/l	50	18.	25
p-Ethyltoluene	ND		ug/l	50	18.	25
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	16.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07 D
 Client ID: MW-4
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/16/14 16:12
 Analyst: PD

Date Collected: 12/08/14 12:55
 Date Received: 12/08/14
 Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.3	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	830		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.4	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	3.3	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07 D

Date Collected: 12/08/14 12:55

Client ID: MW-4

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10

Project Name: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-07 D

Date Collected: 12/08/14 12:55

Client ID: MW-4

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	410	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	6.5	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08
Client ID: MW-6
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 16:46
Analyst: PD

Date Collected: 12/08/14 14:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	9.4		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08

Date Collected: 12/08/14 14:15

Client ID: MW-6

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08

Date Collected: 12/08/14 14:15

Client ID: MW-6

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09
Client ID: DUP1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 17:21
Analyst: PD

Date Collected: 12/08/14 14:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	9.5		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	0.19	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09

Date Collected: 12/08/14 14:20

Client ID: DUP1

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09

Date Collected: 12/08/14 14:20

Client ID: DUP1

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	101		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10
 Client ID: MW-5
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/16/14 17:55
 Analyst: PD

Date Collected: 12/08/14 14:00
 Date Received: 12/08/14
 Field Prep: Field Filtered (DOC)

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	16		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10

Date Collected: 12/08/14 14:00

Client ID: MW-5

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10
Client ID: MW-5
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 14:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	101		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11
Client ID: MW-8
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 18:30
Analyst: PD

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	42		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	0.38	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11

Date Collected: 12/08/14 15:00

Client ID: MW-8

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11

Date Collected: 12/08/14 15:00

Client ID: MW-8

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12
Client ID: MW-3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 19:04
Analyst: PD

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	21		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	0.60		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12

Date Collected: 12/08/14 15:00

Client ID: MW-3

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12
Client ID: MW-3
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13
Client ID: MW-9
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/14 19:38
Analyst: PD

Date Collected: 12/08/14 16:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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	25		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	1.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13

Date Collected: 12/08/14 16:15

Client ID: MW-9

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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	0.78	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.78	J	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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13
Client ID: MW-9
Sample Location: KINGSTON, NY

Date Collected: 12/08/14 16:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/12/14 10:48
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG748258-3					
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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/12/14 10:48
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG748258-3					
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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/12/14 10:48
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG748258-3					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/14 13:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG749158-3					
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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/14 13:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG749158-3					
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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/14 13:21
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG749158-3					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG748258-1 WG748258-2								
Methylene chloride	104		102		70-130	2		20
1,1-Dichloroethane	108		106		70-130	2		20
Chloroform	102		100		70-130	2		20
Carbon tetrachloride	94		92		63-132	2		20
1,2-Dichloropropane	111		109		70-130	2		20
Dibromochloromethane	105		102		63-130	3		20
1,1,2-Trichloroethane	109		106		70-130	3		20
Tetrachloroethene	103		98		70-130	5		20
Chlorobenzene	107		102		75-130	5		20
Trichlorofluoromethane	82		79		62-150	4		20
1,2-Dichloroethane	102		102		70-130	0		20
1,1,1-Trichloroethane	95		93		67-130	2		20
Bromodichloromethane	101		100		67-130	1		20
trans-1,3-Dichloropropene	103		98		70-130	5		20
cis-1,3-Dichloropropene	99		98		70-130	1		20
1,1-Dichloropropene	94		92		70-130	2		20
Bromoform	107		104		54-136	3		20
1,1,2,2-Tetrachloroethane	112		111		67-130	1		20
Benzene	103		101		70-130	2		20
Toluene	107		103		70-130	4		20
Ethylbenzene	102		99		70-130	3		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG748258-1 WG748258-2								
Chloromethane	78		76		64-130	3		20
Bromomethane	62		54		39-139	14		20
Vinyl chloride	76		76		55-140	0		20
Chloroethane	89		86		55-138	3		20
1,1-Dichloroethene	81		80		61-145	1		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		99		70-130	0		20
1,2-Dichlorobenzene	105		103		70-130	2		20
1,3-Dichlorobenzene	106		103		70-130	3		20
1,4-Dichlorobenzene	104		101		70-130	3		20
Methyl tert butyl ether	99		96		63-130	3		20
p/m-Xylene	104		101		70-130	3		20
o-Xylene	102		100		70-130	2		20
cis-1,2-Dichloroethene	104		102		70-130	2		20
Dibromomethane	105		101		70-130	4		20
1,2,3-Trichloropropane	111		107		64-130	4		20
Acrylonitrile	124		117		70-130	6		20
Styrene	102		98		70-130	4		20
Dichlorodifluoromethane	63		60		36-147	5		20
Acetone	72		67		58-148	7		20
Carbon disulfide	75		74		51-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG748258-1 WG748258-2								
2-Butanone	112		109		63-138	3		20
Vinyl acetate	106		103		70-130	3		20
4-Methyl-2-pentanone	100		101		59-130	1		20
2-Hexanone	86		81		57-130	6		20
Bromochloromethane	112		111		70-130	1		20
2,2-Dichloropropane	99		96		63-133	3		20
1,2-Dibromoethane	106		103		70-130	3		20
1,3-Dichloropropane	108		104		70-130	4		20
1,1,1,2-Tetrachloroethane	107		103		64-130	4		20
Bromobenzene	108		107		70-130	1		20
n-Butylbenzene	89		90		53-136	1		20
sec-Butylbenzene	96		96		70-130	0		20
tert-Butylbenzene	99		98		70-130	1		20
o-Chlorotoluene	111		108		70-130	3		20
p-Chlorotoluene	105		104		70-130	1		20
1,2-Dibromo-3-chloropropane	100		98		41-144	2		20
Hexachlorobutadiene	88		85		63-130	3		20
Isopropylbenzene	105		102		70-130	3		20
p-Isopropyltoluene	91		92		70-130	1		20
Naphthalene	88		84		70-130	5		20
n-Propylbenzene	104		101		69-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG748258-1 WG748258-2								
1,2,3-Trichlorobenzene	97		92		70-130	5		20
1,2,4-Trichlorobenzene	86		84		70-130	2		20
1,3,5-Trimethylbenzene	104		103		64-130	1		20
1,2,4-Trimethylbenzene	102		101		70-130	1		20
1,4-Dioxane	99		95		56-162	4		20
p-Diethylbenzene	89		92		70-130	3		20
p-Ethyltoluene	103		101		70-130	2		20
1,2,4,5-Tetramethylbenzene	101		99		70-130	2		20
Ethyl ether	96		92		59-134	4		20
trans-1,4-Dichloro-2-butene	111		106		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG749158-1 WG749158-2								
Methylene chloride	92		85		70-130	8		20
1,1-Dichloroethane	99		92		70-130	7		20
Chloroform	96		88		70-130	9		20
Carbon tetrachloride	95		86		63-132	10		20
1,2-Dichloropropane	100		94		70-130	6		20
Dibromochloromethane	88		81		63-130	8		20
1,1,2-Trichloroethane	97		90		70-130	7		20
Tetrachloroethene	90		82		70-130	9		20
Chlorobenzene	94		86		75-130	9		20
Trichlorofluoromethane	100		88		62-150	13		20
1,2-Dichloroethane	100		90		70-130	11		20
1,1,1-Trichloroethane	97		89		67-130	9		20
Bromodichloromethane	96		88		67-130	9		20
trans-1,3-Dichloropropene	94		86		70-130	9		20
cis-1,3-Dichloropropene	94		87		70-130	8		20
1,1-Dichloropropene	100		90		70-130	11		20
Bromoform	86		78		54-136	10		20
1,1,2,2-Tetrachloroethane	98		91		67-130	7		20
Benzene	96		87		70-130	10		20
Toluene	98		89		70-130	10		20
Ethylbenzene	100		92		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG749158-1 WG749158-2								
Chloromethane	104		106		64-130	2		20
Bromomethane	100		89		39-139	12		20
Vinyl chloride	106		95		55-140	11		20
Chloroethane	94		84		55-138	11		20
1,1-Dichloroethene	88		82		61-145	7		20
trans-1,2-Dichloroethene	89		79		70-130	12		20
Trichloroethene	95		86		70-130	10		20
1,2-Dichlorobenzene	93		87		70-130	7		20
1,3-Dichlorobenzene	94		87		70-130	8		20
1,4-Dichlorobenzene	94		87		70-130	8		20
Methyl tert butyl ether	85		81		63-130	5		20
p/m-Xylene	98		91		70-130	7		20
o-Xylene	99		91		70-130	8		20
cis-1,2-Dichloroethene	86		80		70-130	7		20
Dibromomethane	90		84		70-130	7		20
1,2,3-Trichloropropane	98		90		64-130	9		20
Acrylonitrile	98		93		70-130	5		20
Styrene	97		89		70-130	9		20
Dichlorodifluoromethane	79		72		36-147	9		20
Acetone	59		53	Q	58-148	11		20
Carbon disulfide	85		74		51-130	14		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG749158-1 WG749158-2								
2-Butanone	78		66		63-138	17		20
Vinyl acetate	103		90		70-130	13		20
4-Methyl-2-pentanone	94		87		59-130	8		20
2-Hexanone	90		84		57-130	7		20
Bromochloromethane	90		80		70-130	12		20
2,2-Dichloropropane	99		91		63-133	8		20
1,2-Dibromoethane	90		83		70-130	8		20
1,3-Dichloropropane	99		91		70-130	8		20
1,1,1,2-Tetrachloroethane	94		87		64-130	8		20
Bromobenzene	93		85		70-130	9		20
n-Butylbenzene	108		98		53-136	10		20
sec-Butylbenzene	108		98		70-130	10		20
tert-Butylbenzene	105		95		70-130	10		20
o-Chlorotoluene	106		96		70-130	10		20
p-Chlorotoluene	106		97		70-130	9		20
1,2-Dibromo-3-chloropropane	94		86		41-144	9		20
Hexachlorobutadiene	96		84		63-130	13		20
Isopropylbenzene	100		91		70-130	9		20
p-Isopropyltoluene	105		94		70-130	11		20
Naphthalene	85		80		70-130	6		20
n-Propylbenzene	107		98		69-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG749158-1 WG749158-2								
1,2,3-Trichlorobenzene	80		75		70-130	6		20
1,2,4-Trichlorobenzene	84		78		70-130	7		20
1,3,5-Trimethylbenzene	107		96		64-130	11		20
1,2,4-Trimethylbenzene	105		96		70-130	9		20
1,4-Dioxane	58		49	Q	56-162	17		20
p-Diethylbenzene	108		98		70-130	10		20
p-Ethyltoluene	104		96		70-130	8		20
1,2,4,5-Tetramethylbenzene	103		94		70-130	9		20
Ethyl ether	93		88		59-134	6		20
trans-1,4-Dichloro-2-butene	107		96		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		106		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	109		110		70-130
Dibromofluoromethane	102		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-4 WG749158-5 QC Sample: L1429482-03 Client ID: MW-18M												
Methylene chloride	ND	10	9.0	90		8.2	82		70-130	9		20
1,1-Dichloroethane	ND	10	9.8	99		8.6	86		70-130	13		20
Chloroform	ND	10	9.3	93		8.6	86		70-130	8		20
Carbon tetrachloride	ND	10	8.6	86		7.6	77		63-132	12		20
1,2-Dichloropropane	ND	10	9.7	97		8.9	89		70-130	9		20
Dibromochloromethane	ND	10	8.3	83		7.9	79		63-130	5		20
1,1,2-Trichloroethane	ND	10	9.3	93		8.9	90		70-130	4		20
Tetrachloroethene	0.76	10	8.8	80		7.7	70		70-130	13		20
Chlorobenzene	ND	10	8.9	89		8.1	81		75-130	9		20
Trichlorofluoromethane	ND	10	9.7	97		8.2	82		62-150	17		20
1,2-Dichloroethane	ND	10	10	101		9.4	94		70-130	6		20
1,1,1-Trichloroethane	ND	10	9.2	92		8.2	82		67-130	11		20
Bromodichloromethane	ND	10	9.2	92		8.5	85		67-130	8		20
trans-1,3-Dichloropropene	ND	10	8.4	84		8.0	80		70-130	5		20
cis-1,3-Dichloropropene	ND	10	8.3	83		7.8	78		70-130	6		20
1,1-Dichloropropene	ND	10	9.0	90		7.9	79		70-130	13		20
Bromoform	ND	10	7.7	77		7.4	74		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	9.3	93		9.0	90		67-130	3		20
Benzene	ND	10	9.2	92		8.3	83		70-130	10		20
Toluene	ND	10	9.2	92		8.3	83		70-130	10		20
Ethylbenzene	ND	10	9.2	92		8.2	82		70-130	11		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-4 WG749158-5 QC Sample: L1429482-03 Client ID: MW-18M												
Chloromethane	ND	10	11	108		9.8	98		64-130	12		20
Bromomethane	ND	10	8.6	86		8.4	84		39-139	2		20
Vinyl chloride	ND	10	11	107		9.1	91		55-140	19		20
Chloroethane	ND	10	9.1	91		8.0	80		55-138	13		20
1,1-Dichloroethene	ND	10	8.5	85		7.4	74		61-145	14		20
trans-1,2-Dichloroethene	ND	10	8.4	84		7.3	73		70-130	14		20
Trichloroethene	ND	10	8.7	87		7.7	77		70-130	12		20
1,2-Dichlorobenzene	2.0J	10	10	106		9.8	98		70-130	2		20
1,3-Dichlorobenzene	0.95J	10	9.3	93		8.5	85		70-130	9		20
1,4-Dichlorobenzene	1.1J	10	9.4	94		8.6	87		70-130	9		20
Methyl tert butyl ether	ND	10	8.0	80		7.5	75		63-130	6		20
p/m-Xylene	ND	20	18	90		16	80		70-130	12		20
o-Xylene	ND	20	18	91		16	82		70-130	12		20
cis-1,2-Dichloroethene	ND	10	8.5	86		7.6	76		70-130	11		20
Dibromomethane	ND	10	8.7	87		8.3	83		70-130	5		20
1,2,3-Trichloropropane	ND	10	9.3	93		9.0	90		64-130	3		20
Acrylonitrile	ND	10	9.7	97		10	106		70-130	3		20
Styrene	ND	20	18	89		16	81		70-130	12		20
Dichlorodifluoromethane	ND	10	7.8	78		6.9	69		36-147	12		20
Acetone	ND	10	7.6	76		6.5	65		58-148	16		20
Carbon disulfide	ND	10	7.8	78		6.9	69		51-130	12		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-4 WG749158-5 QC Sample: L1429482-03 Client ID: MW-18M												
2-Butanone	ND	10	7.4	75		7.1	71		63-138	4		20
Vinyl acetate	ND	10	9.0	90		8.3	83		70-130	8		20
4-Methyl-2-pentanone	ND	10	8.2	82		8.0	80		59-130	2		20
2-Hexanone	ND	10	8.5	85		8.6	86		57-130	1		20
Bromochloromethane	ND	10	8.5	85		7.8	78		70-130	9		20
2,2-Dichloropropane	ND	10	7.6	76		6.9	69		63-133	10		20
1,2-Dibromoethane	ND	10	8.4	84		8.1	81		70-130	4		20
1,3-Dichloropropane	ND	10	9.5	95		8.9	89		70-130	7		20
1,1,1,2-Tetrachloroethane	ND	10	8.9	89		8.2	82		64-130	8		20
Bromobenzene	ND	10	8.3	83		7.7	77		70-130	8		20
n-Butylbenzene	ND	10	9.0	90		8.0	80		53-136	12		20
sec-Butylbenzene	ND	10	8.9	89		8.0	80		70-130	11		20
tert-Butylbenzene	ND	10	8.8	88		7.9	79		70-130	11		20
o-Chlorotoluene	ND	10	9.4	94		8.4	85		70-130	11		20
p-Chlorotoluene	ND	10	9.4	94		8.5	85		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	8.5	85		8.6	86		41-144	1		20
Hexachlorobutadiene	ND	10	7.5	75		6.7	67		63-130	11		20
Isopropylbenzene	ND	10	8.8	88		7.9	79		70-130	11		20
p-Isopropyltoluene	ND	10	8.7	87		7.7	78		70-130	12		20
Naphthalene	ND	10	7.7	77		7.7	77		70-130	0		20
n-Propylbenzene	ND	10	9.2	92		8.2	82		69-130	11		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-4 WG749158-5 QC Sample: L1429482-03 Client ID: MW-18M												
1,2,3-Trichlorobenzene	ND	10	7.0	70		6.8	68	Q	70-130	3		20
1,2,4-Trichlorobenzene	ND	10	7.3	73		6.8	68	Q	70-130	7		20
1,3,5-Trimethylbenzene	ND	10	9.1	91		8.3	83		64-130	9		20
1,2,4-Trimethylbenzene	ND	10	9.2	92		8.3	83		70-130	10		20
1,4-Dioxane	ND	500	260	52	Q	240J	49	Q	56-162	8		20
p-Diethylbenzene	ND	10	9.2	92		8.4	84		70-130	9		20
p-Ethyltoluene	ND	10	9.0	90		8.1	81		70-130	11		20
1,2,4,5-Tetramethylbenzene	ND	10	8.7	87		7.8	78		70-130	11		20
Ethyl ether	ND	10	8.8	88		8.4	84		59-134	5		20
trans-1,4-Dichloro-2-butene	ND	10	9.3	93		8.9	89		70-130	4		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	114		112		70-130
4-Bromofluorobenzene	109		109		70-130
Dibromofluoromethane	103		103		70-130
Toluene-d8	103		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-6 WG749158-7 QC Sample: L1429482-12 Client ID: MW-3												
Methylene chloride	ND	10	9.5	95		8.8	88		70-130	8		20
1,1-Dichloroethane	ND	10	10	104		9.4	94		70-130	6		20
Chloroform	ND	10	9.6	96		9.1	91		70-130	5		20
Carbon tetrachloride	ND	10	8.8	88		8.1	81		63-132	8		20
1,2-Dichloropropane	ND	10	10	101		9.6	96		70-130	4		20
Dibromochloromethane	ND	10	8.7	87		8.4	84		63-130	4		20
1,1,2-Trichloroethane	ND	10	9.7	97		9.4	94		70-130	3		20
Tetrachloroethene	21	10	26	50	Q	24	29	Q	70-130	8		20
Chlorobenzene	ND	10	8.9	89		8.4	84		75-130	6		20
Trichlorofluoromethane	ND	10	9.6	96		8.6	86		62-150	11		20
1,2-Dichloroethane	ND	10	10	105		10	101		70-130	0		20
1,1,1-Trichloroethane	ND	10	9.4	94		8.7	87		67-130	8		20
Bromodichloromethane	ND	10	9.6	96		9.2	92		67-130	4		20
trans-1,3-Dichloropropene	ND	10	8.8	88		8.6	86		70-130	2		20
cis-1,3-Dichloropropene	ND	10	8.8	88		8.4	84		70-130	5		20
1,1-Dichloropropene	ND	10	9.2	92		8.3	83		70-130	10		20
Bromoform	ND	10	8.1	81		7.9	79		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	9.8	98		9.5	95		67-130	3		20
Benzene	ND	10	9.5	95		8.8	88		70-130	8		20
Toluene	ND	10	9.3	93		8.6	86		70-130	8		20
Ethylbenzene	ND	10	9.3	93		8.6	86		70-130	8		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-6 WG749158-7 QC Sample: L1429482-12 Client ID: MW-3												
Chloromethane	ND	10	11	111		11	113		64-130	0		20
Bromomethane	ND	10	9.4	94		9.1	91		39-139	3		20
Vinyl chloride	ND	10	11	113		10	103		55-140	10		20
Chloroethane	ND	10	9.5	95		8.8	88		55-138	8		20
1,1-Dichloroethene	ND	10	8.9	89		7.9	79		61-145	12		20
trans-1,2-Dichloroethene	ND	10	8.8	88		8.0	80		70-130	10		20
Trichloroethene	0.60	10	9.5	89		8.8	82		70-130	8		20
1,2-Dichlorobenzene	ND	10	8.8	88		8.2	82		70-130	7		20
1,3-Dichlorobenzene	ND	10	8.6	86		8.0	80		70-130	7		20
1,4-Dichlorobenzene	ND	10	8.7	87		8.0	80		70-130	8		20
Methyl tert butyl ether	ND	10	8.6	86		8.5	85		63-130	1		20
p/m-Xylene	ND	20	18	91		17	84		70-130	6		20
o-Xylene	ND	20	18	92		17	86		70-130	6		20
cis-1,2-Dichloroethene	ND	10	9.3	93		8.6	86		70-130	8		20
Dibromomethane	ND	10	9.4	94		9.1	91		70-130	3		20
1,2,3-Trichloropropane	ND	10	9.9	99		9.6	96		64-130	3		20
Acrylonitrile	ND	10	11	109		11	107		70-130	0		20
Styrene	ND	20	18	90		17	84		70-130	6		20
Dichlorodifluoromethane	ND	10	8.0	80		7.0	70		36-147	13		20
Acetone	ND	10	6.8	68		6.5	65		58-148	5		20
Carbon disulfide	ND	10	8.2	82		7.4	74		51-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-6 WG749158-7 QC Sample: L1429482-12 Client ID: MW-3												
2-Butanone	ND	10	7.6	76		7.4	74		63-138	3		20
Vinyl acetate	ND	10	9.5	95		8.4	84		70-130	12		20
4-Methyl-2-pentanone	ND	10	9.0	90		8.9	89		59-130	1		20
2-Hexanone	ND	10	9.1	92		9.1	91		57-130	0		20
Bromochloromethane	ND	10	8.8	88		8.5	85		70-130	3		20
2,2-Dichloropropane	ND	10	8.0	80		7.3	73		63-133	9		20
1,2-Dibromoethane	ND	10	8.9	89		8.6	86		70-130	3		20
1,3-Dichloropropane	ND	10	9.8	98		9.5	95		70-130	3		20
1,1,1,2-Tetrachloroethane	ND	10	9.2	92		8.7	87		64-130	6		20
Bromobenzene	ND	10	8.6	87		8.1	81		70-130	6		20
n-Butylbenzene	ND	10	9.2	92		8.3	83		53-136	10		20
sec-Butylbenzene	ND	10	9.1	91		8.3	83		70-130	9		20
tert-Butylbenzene	ND	10	9.0	90		8.2	82		70-130	9		20
o-Chlorotoluene	ND	10	9.5	96		8.8	88		70-130	8		20
p-Chlorotoluene	ND	10	9.6	96		8.8	88		70-130	9		20
1,2-Dibromo-3-chloropropane	ND	10	9.4	95		9.2	92		41-144	2		20
Hexachlorobutadiene	ND	10	7.5	75		6.8	68		63-130	10		20
Isopropylbenzene	ND	10	9.0	90		8.2	82		70-130	9		20
p-Isopropyltoluene	ND	10	8.8	88		8.1	81		70-130	8		20
Naphthalene	ND	10	8.5	85		8.1	81		70-130	5		20
n-Propylbenzene	ND	10	9.3	93		8.5	86		69-130	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG749158-6 WG749158-7 QC Sample: L1429482-12 Client ID: MW-3												
1,2,3-Trichlorobenzene	ND	10	7.5	76		7.1	71		70-130	5		20
1,2,4-Trichlorobenzene	ND	10	7.7	77		7.0	71		70-130	10		20
1,3,5-Trimethylbenzene	ND	10	9.4	94		8.6	86		64-130	9		20
1,2,4-Trimethylbenzene	ND	10	9.4	94		8.6	86		70-130	9		20
1,4-Dioxane	ND	500	270	54	Q	280	56		56-162	4		20
p-Diethylbenzene	ND	10	9.5	95		8.7	87		70-130	9		20
p-Ethyltoluene	ND	10	9.2	92		8.4	84		70-130	9		20
1,2,4,5-Tetramethylbenzene	ND	10	8.7	87		8.0	80		70-130	8		20
Ethyl ether	ND	10	9.6	96		9.1	91		59-134	5		20
trans-1,4-Dichloro-2-butene	ND	10	9.8	98		9.7	97		70-130	1		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	112		111		70-130
4-Bromofluorobenzene	109		108		70-130
Dibromofluoromethane	102		102		70-130
Toluene-d8	102		103		70-130

SEMIVOLATILES

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01
Client ID: MW-17M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 11:03
Analyst: JB

Date Collected: 12/08/14 10:05
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01

Date Collected: 12/08/14 10:05

Client ID: MW-17M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	70		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01
Client ID: MW-17M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 10:18
Analyst: KV

Date Collected: 12/08/14 10:05
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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	0.10	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	0.06	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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-01

Date Collected: 12/08/14 10:05

Client ID: MW-17M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	75		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02
Client ID: MW-17S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 11:30
Analyst: JB

Date Collected: 12/08/14 10:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02

Date Collected: 12/08/14 10:20

Client ID: MW-17S

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	63		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02
Client ID: MW-17S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 10:48
Analyst: KV

Date Collected: 12/08/14 10:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-02**Date Collected:** 12/08/14 10:20**Client ID:** MW-17S**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03
Client ID: MW-18M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 11:57
Analyst: JB

Date Collected: 12/08/14 11:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	1.0	J	ug/l	2.0	0.30	1
1,3-Dichlorobenzene	0.52	J	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	0.54	J	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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03

Date Collected: 12/08/14 11:20

Client ID: MW-18M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	79		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03
Client ID: MW-18M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 11:17
Analyst: KV

Date Collected: 12/08/14 11:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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	0.12	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	0.07	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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-03

Date Collected: 12/08/14 11:20

Client ID: MW-18M

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	82		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-04
Client ID: MW-18S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 12:25
Analyst: JB

Date Collected: 12/08/14 11:25
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-04

Date Collected: 12/08/14 11:25

Client ID: MW-18S

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	73		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-04
Client ID: MW-18S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 11:47
Analyst: KV

Date Collected: 12/08/14 11:25
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-04**Date Collected:** 12/08/14 11:25**Client ID:** MW-18S**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	78		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05
Client ID: DUP2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 12:52
Analyst: JB

Date Collected: 12/08/14 12:08
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05

Date Collected: 12/08/14 12:08

Client ID: DUP2

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	76		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05
Client ID: DUP2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 12:17
Analyst: KV

Date Collected: 12/08/14 12:08
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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	0.07	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.07	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	0.06	J	ug/l	0.20	0.06	1
Benzo(a)pyrene	0.08	J	ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	0.06	J	ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.09	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	0.14	J	ug/l	0.20	0.08	1
Pyrene	0.07	J	ug/l	0.20	0.06	1
2-Methylnaphthalene	0.06	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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-05

Date Collected: 12/08/14 12:08

Client ID: DUP2

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	81		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06
Client ID: MW-14
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 13:20
Analyst: JB

Date Collected: 12/08/14 12:50
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06

Date Collected: 12/08/14 12:50

Client ID: MW-14

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	83		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06
Client ID: MW-14
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 12:46
Analyst: KV

Date Collected: 12/08/14 12:50
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06

Date Collected: 12/08/14 12:50

Client ID: MW-14

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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	30		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	92		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07
Client ID: MW-4
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 13:47
Analyst: JB

Date Collected: 12/08/14 12:55
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07

Date Collected: 12/08/14 12:55

Client ID: MW-4

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	84		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07
Client ID: MW-4
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 13:16
Analyst: KV

Date Collected: 12/08/14 12:55
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-07

Date Collected: 12/08/14 12:55

Client ID: MW-4

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	92		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08
Client ID: MW-6
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 14:15
Analyst: JB

Date Collected: 12/08/14 14:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:31

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08

Date Collected: 12/08/14 14:15

Client ID: MW-6

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	76		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08
Client ID: MW-6
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 13:46
Analyst: KV

Date Collected: 12/08/14 14:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:29

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-08

Date Collected: 12/08/14 14:15

Client ID: MW-6

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	79		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09
Client ID: DUP1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 14:42
Analyst: JB

Date Collected: 12/08/14 14:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:33

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09

Date Collected: 12/08/14 14:20

Client ID: DUP1

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	79		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09
Client ID: DUP1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 14:16
Analyst: KV

Date Collected: 12/08/14 14:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:30

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-09

Date Collected: 12/08/14 14:20

Client ID: DUP1

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	90		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10
Client ID: MW-5
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 15:10
Analyst: JB

Date Collected: 12/08/14 14:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:33

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	ND		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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-10**Date Collected:** 12/08/14 14:00**Client ID:** MW-5**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	18	Q	21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	66		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10
Client ID: MW-5
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 14:45
Analyst: KV

Date Collected: 12/08/14 14:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:30

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-10

Date Collected: 12/08/14 14:00

Client ID: MW-5

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	72		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11
Client ID: MW-8
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/21/14 15:37
Analyst: JB

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:33

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	ND		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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-11**Date Collected:** 12/08/14 15:00**Client ID:** MW-8**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	82		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11
Client ID: MW-8
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/14 15:15
Analyst: KV

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:30

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-11

Date Collected: 12/08/14 15:00

Client ID: MW-8

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	88		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12
Client ID: MW-3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/16/14 22:09
Analyst: JB

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:33

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12

Date Collected: 12/08/14 15:00

Client ID: MW-3

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	55		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12
Client ID: MW-3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/16/14 22:39
Analyst: KV

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:30

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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS**

Lab ID: L1429482-12

Date Collected: 12/08/14 15:00

Client ID: MW-3

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	54		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13
Client ID: MW-9
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/16/14 22:37
Analyst: JB

Date Collected: 12/08/14 16:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:33

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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13

Date Collected: 12/08/14 16:15

Client ID: MW-9

Date Received: 12/08/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13
Client ID: MW-9
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/16/14 23:11
Analyst: KV

Date Collected: 12/08/14 16:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 13:30

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	0.30		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	0.17	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: 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14**SAMPLE RESULTS****Lab ID:** L1429482-13**Date Collected:** 12/08/14 16:15**Client ID:** MW-9**Date Received:** 12/08/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	64		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/16/14 17:34
 Analyst: JB

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG748503-1					
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	ND		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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/16/14 17:34
 Analyst: JB

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG748503-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	74		41-149



Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 12/16/14 19:01

Extraction Date: 12/14/14 13:29

Analyst: KV

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-13 Batch: WG748504-1					
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: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 12/16/14 19:01
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 13:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-13 Batch: WG748504-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG748503-2 WG748503-3								
1,2,4-Trichlorobenzene	43		40		39-98	7		30
Bis(2-chloroethyl)ether	68		63		40-140	8		30
1,2-Dichlorobenzene	48		44		40-140	9		30
1,3-Dichlorobenzene	45		41		40-140	9		30
1,4-Dichlorobenzene	46		41		36-97	11		30
3,3'-Dichlorobenzidine	65		56		40-140	15		30
2,4-Dinitrotoluene	74		70		24-96	6		30
2,6-Dinitrotoluene	75		73		40-140	3		30
4-Chlorophenyl phenyl ether	55		52		40-140	6		30
4-Bromophenyl phenyl ether	58		57		40-140	2		30
Bis(2-chloroisopropyl)ether	72		66		40-140	9		30
Bis(2-chloroethoxy)methane	77		73		40-140	5		30
Hexachlorocyclopentadiene	30	Q	29	Q	40-140	3		30
Isophorone	76		71		40-140	7		30
Nitrobenzene	66		60		40-140	10		30
NitrosoDiPhenylAmine(NDPA)/DPA	70		67		40-140	4		30
n-Nitrosodi-n-propylamine	75		71		29-132	5		30
Bis(2-Ethylhexyl)phthalate	79		74		40-140	7		30
Butyl benzyl phthalate	70		68		40-140	3		30
Di-n-butylphthalate	78		74		40-140	5		30
Di-n-octylphthalate	82		77		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG748503-2 WG748503-3								
Diethyl phthalate	72		67		40-140	7		30
Dimethyl phthalate	72		68		40-140	6		30
Biphenyl	54		51			6		30
4-Chloroaniline	70		62		40-140	12		30
2-Nitroaniline	84		81		52-143	4		30
3-Nitroaniline	67		62		25-145	8		30
4-Nitroaniline	76		75		51-143	1		30
Dibenzofuran	60		57		40-140	5		30
1,2,4,5-Tetrachlorobenzene	46		43		2-134	7		30
Acetophenone	80		74		39-129	8		30
2,4,6-Trichlorophenol	80		75		30-130	6		30
P-Chloro-M-Cresol	84		80		23-97	5		30
2-Chlorophenol	75		68		27-123	10		30
2,4-Dichlorophenol	79		74		30-130	7		30
2,4-Dimethylphenol	68		69		30-130	1		30
2-Nitrophenol	80		75		30-130	6		30
4-Nitrophenol	49		48		10-80	2		30
2,4-Dinitrophenol	80		77		20-130	4		30
4,6-Dinitro-o-cresol	81		78		20-164	4		30
Phenol	39		37		12-110	5		30
2-Methylphenol	70		66		30-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG748503-2 WG748503-3								
3-Methylphenol/4-Methylphenol	69		65		30-130	6		30
2,4,5-Trichlorophenol	80		75		30-130	6		30
Benzoic Acid	24		23			4		30
Benzyl Alcohol	66		61			8		30
Carbazole	80		76		55-144	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		44		21-120
Phenol-d6	37		34		10-120
Nitrobenzene-d5	77		70		23-120
2-Fluorobiphenyl	63		58		15-120
2,4,6-Tribromophenol	75		69		10-120
4-Terphenyl-d14	72		68		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 Batch: WG748504-2 WG748504-3								
Acenaphthene	73		75		37-111	3		40
2-Chloronaphthalene	72		74		40-140	3		40
Fluoranthene	86		93		40-140	8		40
Hexachlorobutadiene	50		51		40-140	2		40
Naphthalene	75		68		40-140	10		40
Benzo(a)anthracene	90		102		40-140	13		40
Benzo(a)pyrene	76		85		40-140	11		40
Benzo(b)fluoranthene	92		104		40-140	12		40
Benzo(k)fluoranthene	86		98		40-140	13		40
Chrysene	88		98		40-140	11		40
Acenaphthylene	72		74		40-140	3		40
Anthracene	77		81		40-140	5		40
Benzo(ghi)perylene	87		99		40-140	13		40
Fluorene	82		85		40-140	4		40
Phenanthrene	78		82		40-140	5		40
Dibenzo(a,h)anthracene	88		101		40-140	14		40
Indeno(1,2,3-cd)Pyrene	89		102		40-140	14		40
Pyrene	84		92		26-127	9		40
2-Methylnaphthalene	78		76		40-140	3		40
Pentachlorophenol	79		85		9-103	7		40
Hexachlorobenzene	68		73		40-140	7		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 Batch: WG748504-2 WG748504-3								
Hexachloroethane	53		54		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		48		21-120
Phenol-d6	39		40		10-120
Nitrobenzene-d5	83		87		23-120
2-Fluorobiphenyl	70		80		15-120
2,4,6-Tribromophenol	91		92		10-120
4-Terphenyl-d14	76		92		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-4 WG748503-5 QC Sample: L1429482-03 Client ID:												
MW-18M												
1,2,4-Trichlorobenzene	ND	40	23	58		22	55		39-98	4		30
Bis(2-chloroethyl)ether	ND	40	22	55		22	55		40-140	0		30
1,2-Dichlorobenzene	1.0J	40	22	55		24	60		40-140	9		30
1,3-Dichlorobenzene	0.52J	40	21	53		23	58		40-140	9		30
1,4-Dichlorobenzene	0.54J	40	21	53		23	58		36-97	9		30
3,3'-Dichlorobenzidine	ND	40	24	60		20	50		40-140	18		30
2,4-Dinitrotoluene	ND	40	30	75		25	63		24-96	18		30
2,6-Dinitrotoluene	ND	40	30	75		26	65		40-140	14		30
4-Chlorophenyl phenyl ether	ND	40	28	70		23	58		40-140	20		30
4-Bromophenyl phenyl ether	ND	40	28	70		23	58		40-140	20		30
Bis(2-chloroisopropyl)ether	ND	40	26	65		26	65		40-140	0		30
Bis(2-chloroethoxy)methane	ND	40	27	68		25	63		40-140	8		30
Hexachlorocyclopentadiene	ND	40	25	63		24	60		40-140	4		30
Isophorone	ND	40	27	68		25	63		40-140	8		30
Nitrobenzene	ND	40	24	60		23	58		40-140	4		30
NitrosoDiPhenylAmine(NDPA)/DPA	ND	40	29	73		25	63		40-140	15		30
n-Nitrosodi-n-propylamine	ND	40	26	65		25	63		29-132	4		30
Bis(2-Ethylhexyl)phthalate	ND	40	31	78		26	65		40-140	18		30
Butyl benzyl phthalate	ND	40	29	73		23	58		40-140	23		30
Di-n-butylphthalate	ND	40	32	80		26	65		40-140	21		30
Di-n-octylphthalate	ND	40	33	83		27	68		40-140	20		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-4 WG748503-5 QC Sample: L1429482-03 Client ID:												
MW-18M												
Diethyl phthalate	ND	40	28	70		24	60		40-140	15		30
Dimethyl phthalate	ND	40	29	73		24	60		40-140	19		30
Biphenyl	ND	40	28	70		25	63			11		30
4-Chloroaniline	ND	40	22	55		20	50		40-140	10		30
2-Nitroaniline	ND	40	33	83		28	70		52-143	16		30
3-Nitroaniline	ND	40	27	68		22	55		25-145	20		30
4-Nitroaniline	ND	40	31	78		25	63		51-143	21		30
Dibenzofuran	ND	40	29	73		25	63		40-140	15		30
1,2,4,5-Tetrachlorobenzene	ND	40	25	63		23	58		2-134	8		30
Acetophenone	ND	40	28	70		27	68		39-129	4		30
2,4,6-Trichlorophenol	ND	40	31	78		27	68		30-130	14		30
P-Chloro-M-Cresol	ND	40	32	80		28	70		23-97	13		30
2-Chlorophenol	ND	40	24	60		24	60		27-123	0		30
2,4-Dichlorophenol	ND	40	29	73		26	65		30-130	11		30
2,4-Dimethylphenol	ND	40	13	33		18	45		30-130	32	Q	30
2-Nitrophenol	ND	40	29	73		28	70		30-130	4		30
4-Nitrophenol	ND	40	21	53		17	43		10-80	21		30
2,4-Dinitrophenol	ND	40	34	85		28	70		20-130	19		30
4,6-Dinitro-o-cresol	ND	40	34	85		29	73		20-164	16		30
Phenol	ND	40	13	33		13	33		12-110	0		30
2-Methylphenol	ND	40	22	55		22	55		30-130	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-4 WG748503-5 QC Sample: L1429482-03 Client ID: MW-18M												
3-Methylphenol/4-Methylphenol	ND	40	23	58		22	55		30-130	4		30
2,4,5-Trichlorophenol	ND	40	31	78		27	68		30-130	14		30
Benzoic Acid	ND	40	15J	38		13.J	33			14		30
Benzyl Alcohol	ND	40	22	55		22	55			0		30
Carbazole	ND	40	32	80		26	65		55-144	21		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	75		60		10-120
2-Fluorobiphenyl	64		55		15-120
2-Fluorophenol	37		40		21-120
4-Terphenyl-d14	74		59		41-149
Nitrobenzene-d5	66		62		23-120
Phenol-d6	30		30		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-6 WG748503-7 QC Sample: L1429482-12 Client ID: MW-3												
1,2,4-Trichlorobenzene	ND	40	25	63		24	60		39-98	4		30
Bis(2-chloroethyl)ether	ND	40	25	63		23	58		40-140	8		30
1,2-Dichlorobenzene	ND	40	24	60		23	58		40-140	4		30
1,3-Dichlorobenzene	ND	40	23	58		22	55		40-140	4		30
1,4-Dichlorobenzene	ND	40	23	58		22	55		36-97	4		30
3,3'-Dichlorobenzidine	ND	40	22	55		21	53		40-140	5		30
2,4-Dinitrotoluene	ND	40	31	78		30	75		24-96	3		30
2,6-Dinitrotoluene	ND	40	31	78		30	75		40-140	3		30
4-Chlorophenyl phenyl ether	ND	40	28	70		27	68		40-140	4		30
4-Bromophenyl phenyl ether	ND	40	29	73		27	68		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	40	29	73		27	68		40-140	7		30
Bis(2-chloroethoxy)methane	ND	40	28	70		27	68		40-140	4		30
Hexachlorocyclopentadiene	ND	40	27	68		25	63		40-140	8		30
Isophorone	ND	40	28	70		26	65		40-140	7		30
Nitrobenzene	ND	40	25	63		25	63		40-140	0		30
NitrosoDiPhenylAmine(NDPA)/DPA	ND	40	29	73		29	73		40-140	0		30
n-Nitrosodi-n-propylamine	ND	40	28	70		26	65		29-132	7		30
Bis(2-Ethylhexyl)phthalate	ND	40	32	80		30	75		40-140	6		30
Butyl benzyl phthalate	ND	40	29	73		28	70		40-140	4		30
Di-n-butylphthalate	ND	40	32	80		30	75		40-140	6		30
Di-n-octylphthalate	ND	40	33	83		32	80		40-140	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-6 WG748503-7 QC Sample: L1429482-12 Client ID: MW-3												
Diethyl phthalate	ND	40	29	73		27	68		40-140	7		30
Dimethyl phthalate	ND	40	29	73		28	70		40-140	4		30
Biphenyl	ND	40	30	75		29	73			3		30
4-Chloroaniline	ND	40	25	63		25	63		40-140	0		30
2-Nitroaniline	ND	40	33	83		33	83		52-143	0		30
3-Nitroaniline	ND	40	25	63		25	63		25-145	0		30
4-Nitroaniline	ND	40	31	78		30	75		51-143	3		30
Dibenzofuran	ND	40	30	75		29	73		40-140	3		30
1,2,4,5-Tetrachlorobenzene	ND	40	27	68		26	65		2-134	4		30
Acetophenone	ND	40	30	75		28	70		39-129	7		30
2,4,6-Trichlorophenol	ND	40	31	78		31	78		30-130	0		30
P-Chloro-M-Cresol	ND	40	32	80		31	78		23-97	3		30
2-Chlorophenol	ND	40	27	68		25	63		27-123	8		30
2,4-Dichlorophenol	ND	40	30	75		29	73		30-130	3		30
2,4-Dimethylphenol	ND	40	21	53		18	45		30-130	15		30
2-Nitrophenol	ND	40	31	78		30	75		30-130	3		30
4-Nitrophenol	ND	40	21	53		20	50		10-80	5		30
2,4-Dinitrophenol	ND	40	34	85		33	83		20-130	3		30
4,6-Dinitro-o-cresol	ND	40	34	85		34	85		20-164	0		30
Phenol	ND	40	14	35		13	33		12-110	7		30
2-Methylphenol	ND	40	24	60		23	58		30-130	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748503-6 WG748503-7 QC Sample: L1429482-12 Client ID: MW-3												
3-Methylphenol/4-Methylphenol	ND	40	24	60		23	58		30-130	4		30
2,4,5-Trichlorophenol	ND	40	31	78		31	78		30-130	0		30
Benzoic Acid	ND	40	14J	35		13.J	33			7		30
Benzyl Alcohol	ND	40	23	58		22	55			4		30
Carbazole	ND	40	32	80		31	78		55-144	3		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	74		71		10-120
2-Fluorobiphenyl	64		65		15-120
2-Fluorophenol	41		39		21-120
4-Terphenyl-d14	74		72		41-149
Nitrobenzene-d5	70		66		23-120
Phenol-d6	30		29		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748504-4 WG748504-5 QC Sample: L1429482-03 Client ID: MW-18M												
Acenaphthene	ND	40	33	83		26	65		37-111	24		40
2-Chloronaphthalene	ND	40	33	83		27	68		40-140	20		40
Fluoranthene	ND	40	37	93		28	70		40-140	28		40
Hexachlorobutadiene	ND	40	27	68		25	63		40-140	8		40
Naphthalene	0.12J	40	32	80		26	65		40-140	21		40
Benzo(a)anthracene	ND	40	38	95		28	70		40-140	30		40
Benzo(a)pyrene	ND	40	34	85		25	63		40-140	31		40
Benzo(b)fluoranthene	ND	40	39	98		30	75		40-140	26		40
Benzo(k)fluoranthene	ND	40	38	95		28	70		40-140	30		40
Chrysene	ND	40	37	93		28	70		40-140	28		40
Acenaphthylene	ND	40	31	78		25	63		40-140	21		40
Anthracene	ND	40	35	88		26	65		40-140	30		40
Benzo(ghi)perylene	ND	40	35	88		26	65		40-140	30		40
Fluorene	ND	40	36	90		28	70		40-140	25		40
Phenanthrene	ND	40	35	88		26	65		40-140	30		40
Dibenzo(a,h)anthracene	ND	40	38	95		28	70		40-140	30		40
Indeno(1,2,3-cd)Pyrene	ND	40	37	93		28	70		40-140	28		40
Pyrene	ND	40	36	90		27	68		26-127	29		40
2-Methylnaphthalene	0.07J	40	36	90		29	73		40-140	22		40
Pentachlorophenol	ND	40	32	80		24	60		9-103	29		40
Hexachlorobenzene	ND	40	35	88		26	65		40-140	30		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748504-4 WG748504-5 QC Sample: L1429482-03 Client ID: MW-18M												
Hexachloroethane	ND	40	25	63		26	65		40-140	4		40

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	90		67		10-120
2-Fluorobiphenyl	80		64		15-120
2-Fluorophenol	40		40		21-120
4-Terphenyl-d14	86		62		41-149
Nitrobenzene-d5	75		66		23-120
Phenol-d6	35		31		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748504-6 WG748504-7 QC Sample: L1429482-12 Client ID: MW-3												
Acenaphthene	ND	40	33	83		32	80		37-111	3		40
2-Chloronaphthalene	ND	40	33	83		32	80		40-140	3		40
Fluoranthene	ND	40	37	93		35	88		40-140	6		40
Hexachlorobutadiene	ND	40	28	70		27	68		40-140	4		40
Naphthalene	ND	40	30	75		29	73		40-140	3		40
Benzo(a)anthracene	ND	40	38	95		36	90		40-140	5		40
Benzo(a)pyrene	ND	40	33	83		31	78		40-140	6		40
Benzo(b)fluoranthene	ND	40	39	98		38	95		40-140	3		40
Benzo(k)fluoranthene	ND	40	38	95		36	90		40-140	5		40
Chrysene	ND	40	37	93		35	88		40-140	6		40
Acenaphthylene	ND	40	31	78		31	78		40-140	0		40
Anthracene	ND	40	35	88		33	83		40-140	6		40
Benzo(ghi)perylene	ND	40	35	88		34	85		40-140	3		40
Fluorene	ND	40	36	90		35	88		40-140	3		40
Phenanthrene	ND	40	34	85		33	83		40-140	3		40
Dibenzo(a,h)anthracene	ND	40	37	93		36	90		40-140	3		40
Indeno(1,2,3-cd)Pyrene	ND	40	37	93		36	90		40-140	3		40
Pyrene	ND	40	36	90		34	85		26-127	6		40
2-Methylnaphthalene	ND	40	34	85		34	85		40-140	0		40
Pentachlorophenol	ND	40	32	80		31	78		9-103	3		40
Hexachlorobenzene	ND	40	35	88		33	83		40-140	6		40

Matrix Spike Analysis Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG748504-6 WG748504-7 QC Sample: L1429482-12 Client ID: MW-3												
Hexachloroethane	ND	40	27	68		27	68		40-140	0		40

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2,4,6-Tribromophenol	88		82		10-120
2-Fluorobiphenyl	78		78		15-120
2-Fluorophenol	43		39		21-120
4-Terphenyl-d14	85		81		41-149
Nitrobenzene-d5	77		76		23-120
Phenol-d6	33		33		10-120

INORGANICS & MISCELLANEOUS

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-01

Client ID: MW-17M

Sample Location: KINGSTON, NY

Matrix: Water

Date Collected: 12/08/14 10:05

Date Received: 12/08/14

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.023	J	mg/l	0.050	0.014	1	-	12/10/14 00:37	44,353.2	DB
Nitrogen, Nitrate	0.13		mg/l	0.10	0.021	1	-	12/10/14 00:37	44,353.2	DB
Total Organic Carbon	0.84	J	mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	1.2		mg/l	1.0	0.04	1	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	43.5		mg/l	25.0	3.25	25	-	12/19/14 03:12	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-02
Client ID: MW-17S
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 10:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:39	44,353.2	DB
Nitrogen, Nitrate	1.5		mg/l	0.10	0.021	1	-	12/10/14 00:39	44,353.2	DB
Total Organic Carbon	0.51	J	mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	0.79	J	mg/l	1.0	0.04	1	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	21.5		mg/l	1.00	0.130	1	-	12/19/14 19:01	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-03
Client ID: MW-18M
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 11:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:40	44,353.2	DB
Nitrogen, Nitrate	ND		mg/l	0.10	0.021	1	-	12/10/14 00:40	44,353.2	DB
Total Organic Carbon	1.4		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	1.9		mg/l	1.0	0.04	1	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	90.0		mg/l	25.0	3.25	25	-	12/19/14 04:00	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-04
Client ID: MW-18S
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 11:25
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.021	J	mg/l	0.050	0.014	1	-	12/10/14 00:45	44,353.2	DB
Nitrogen, Nitrate	1.5		mg/l	0.10	0.021	1	-	12/10/14 00:45	44,353.2	DB
Total Organic Carbon	1.3		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.7	J	mg/l	5.0	0.04	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	120.		mg/l	25.0	3.25	25	-	12/19/14 04:12	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-05
Client ID: DUP2
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 12:08
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:46	44,353.2	DB
Nitrogen, Nitrate	1.6		mg/l	0.10	0.021	1	-	12/10/14 00:46	44,353.2	DB
Total Organic Carbon	1.4		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.8	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	122.		mg/l	25.0	3.25	25	-	12/19/14 04:24	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-06
Client ID: MW-14
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 12:50
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:48	44,353.2	DB
Nitrogen, Nitrate	2.2		mg/l	0.10	0.021	1	-	12/10/14 00:48	44,353.2	DB
Total Organic Carbon	1.3		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.8	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	92.2		mg/l	25.0	3.25	25	-	12/19/14 05:00	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-07
Client ID: MW-4
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 12:55
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:53	44,353.2	DB
Nitrogen, Nitrate	0.68		mg/l	0.10	0.021	1	-	12/10/14 00:53	44,353.2	DB
Total Organic Carbon	0.66	J	mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	1.7	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	35.8		mg/l	25.0	3.25	25	-	12/19/14 05:12	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-08
Client ID: MW-6
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 14:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:54	44,353.2	DB
Nitrogen, Nitrate	1.4		mg/l	0.10	0.021	1	-	12/10/14 00:54	44,353.2	DB
Total Organic Carbon	1.8		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.9	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	19.3		mg/l	1.00	0.130	1	-	12/19/14 19:13	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-09
Client ID: DUP1
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 14:20
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:55	44,353.2	DB
Nitrogen, Nitrate	1.3		mg/l	0.10	0.021	1	-	12/10/14 00:55	44,353.2	DB
Total Organic Carbon	1.9		mg/l	0.50	0.12	1	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.9	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	17.0		mg/l	1.00	0.130	1	-	12/19/14 19:25	44,300.0	AU



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-10

Client ID: MW-5

Sample Location: KINGSTON, NY

Matrix: Water

Date Collected: 12/08/14 14:00

Date Received: 12/08/14

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:57	44,353.2	DB
Nitrogen, Nitrate	2.0		mg/l	0.10	0.021	1	-	12/10/14 00:57	44,353.2	DB
Total Organic Carbon	0.82		mg/l	0.50	0.12	1	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.8	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	107.		mg/l	25.0	3.25	25	-	12/19/14 05:48	44,300.0	AU



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-11

Client ID: MW-8

Sample Location: KINGSTON, NY

Matrix: Water

Date Collected: 12/08/14 15:00

Date Received: 12/08/14

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:58	44,353.2	DB
Nitrogen, Nitrate	3.8		mg/l	0.10	0.021	1	-	12/10/14 00:58	44,353.2	DB
Total Organic Carbon	1.8		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.6	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	47.1		mg/l	25.0	3.25	25	-	12/19/14 06:00	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-12
Client ID: MW-3
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 15:00
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:59	44,353.2	DE
Nitrogen, Nitrate	0.78		mg/l	0.10	0.021	1	-	12/10/14 00:59	44,353.2	DE
Total Organic Carbon	0.60	J	mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	1.6	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	106.		mg/l	25.0	3.25	25	-	12/19/14 06:36	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429482
Report Date: 12/22/14

SAMPLE RESULTS

Lab ID: L1429482-13
Client ID: MW-9
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/08/14 16:15
Date Received: 12/08/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 01:05	44,353.2	DB
Nitrogen, Nitrate	1.3		mg/l	0.10	0.021	1	-	12/10/14 01:05	44,353.2	DB
Total Organic Carbon	1.5		mg/l	1.0	0.24	2	-	12/19/14 11:02	1,9060	DW
Dissolved Organic Carbon	2.4	J	mg/l	5.0	0.22	5	12/19/14 13:59	12/19/14 13:59	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	80.9		mg/l	25.0	3.25	25	-	12/19/14 06:48	44,300.0	AU



Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

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): 01-11,13 Batch: WG747069-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.021	1	-	12/10/14 00:25	44,353.2	DB
General Chemistry - Westborough Lab for sample(s): 12 Batch: WG747070-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.021	1	-	12/10/14 00:25	44,353.2	DE
General Chemistry - Westborough Lab for sample(s): 01-11,13 Batch: WG747071-1										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:28	44,353.2	DB
General Chemistry - Westborough Lab for sample(s): 12 Batch: WG747072-1										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/10/14 00:28	44,353.2	DE
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG750471-1										
Dissolved Organic Carbon	ND		mg/l	1.0	0.04	1	12/19/14 13:59	12/19/14 13:59	1,9060	DW
General Chemistry - Westborough Lab for sample(s): 04-13 Batch: WG750472-1										
Dissolved Organic Carbon	ND		mg/l	1.0	0.04	1	12/19/14 13:59	12/19/14 13:59	1,9060	DW
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG750473-1										
Total Organic Carbon	ND		mg/l	0.50	0.12	1	-	12/19/14 11:02	1,9060	DW
General Chemistry - Westborough Lab for sample(s): 04-13 Batch: WG750474-1										
Total Organic Carbon	ND		mg/l	0.50	0.12	1	-	12/19/14 11:02	1,9060	DW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01,03-07,10-11,13 Batch: WG750483-1										
Sulfate	ND		mg/l	1.00	0.130	1	-	12/19/14 02:48	44,300.0	AU
Anions by Ion Chromatography - Westborough Lab for sample(s): 12 Batch: WG750484-1										
Sulfate	ND		mg/l	1.00	0.130	1	-	12/19/14 02:48	44,300.0	AU
Anions by Ion Chromatography - Westborough Lab for sample(s): 02,08-09 Batch: WG750762-1										
Sulfate	ND		mg/l	1.00	0.130	1	-	12/19/14 18:37	44,300.0	AU



Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11,13 Batch: WG747069-2								
Nitrogen, Nitrate	92		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 12 Batch: WG747070-2								
Nitrogen, Nitrate	92		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-11,13 Batch: WG747071-2								
Nitrogen, Nitrite	104		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 12 Batch: WG747072-2								
Nitrogen, Nitrite	104		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG750471-2								
Dissolved Organic Carbon	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 04-13 Batch: WG750472-2								
Dissolved Organic Carbon	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG750473-2								
Total Organic Carbon	95		-		90-110	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W/BOICES LANE**Lab Number:** L1429482**Project Number:** 31.0180009.00**Report Date:** 12/22/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-13 Batch: WG750474-2					
Total Organic Carbon	95	-	90-110	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01,03-07,10-11,13 Batch: WG750483-2					
Sulfate	91	-	90-110	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 12 Batch: WG750484-2					
Sulfate	91	-	90-110	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 02,08-09 Batch: WG750762-2					
Sulfate	95	-	90-110	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

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): 01-11,13 QC Batch ID: WG747069-4 QC Sample: L1429482-03 Client ID: MW-18M												
Nitrogen, Nitrate	ND	4	3.7	92		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG747070-4 QC Sample: L1429482-12 Client ID: MW-3												
Nitrogen, Nitrate	0.78	4	4.4	91		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-11,13 QC Batch ID: WG747071-4 QC Sample: L1429482-03 Client ID: MW-18M												
Nitrogen, Nitrite	ND	4	4.4	110		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG747072-4 QC Sample: L1429482-12 Client ID: MW-3												
Nitrogen, Nitrite	ND	4	4.3	107		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750471-4 QC Sample: L1429482-03 Client ID: MW-18M												
Dissolved Organic Carbon	1.9	20	22	98		-	-		79-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 04-13 QC Batch ID: WG750472-4 QC Sample: L1429482-12 Client ID: MW-3												
Dissolved Organic Carbon	1.6J	20	20	99		-	-		79-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750473-4 QC Sample: L1429482-03 Client ID: MW-18M												
Total Organic Carbon	1.4	20	20	94		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 04-13 QC Batch ID: WG750474-4 QC Sample: L1429482-12 Client ID: MW-3												
Total Organic Carbon	0.60J	20	19	96		-	-		80-120	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01,03-07,10-11,13 QC Batch ID: WG750483-3 WG750483-4 QC Sample: L1429482-03 Client ID: MW-18M												
Sulfate	90.0	200	282	96		316	113		60-140	11		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429482

Project Number: 31.0180009.00

Report Date: 12/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 12 QC Batch ID: WG750484-3 WG750484-4 QC Sample: L1429482-12 Client ID: MW-3									
Sulfate	106.	200	312	103	337	116	60-140	8	20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 02,08-09 QC Batch ID: WG750762-3 WG750762-4 QC Sample: L1429582-05 Client ID: MS Sample									
Sulfate	48.5	200	270	111	274	113	60-140	1	20

Lab Duplicate Analysis Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11,13 QC Batch ID: WG747069-3 QC Sample: L1429482-03 Client ID: MW-18M						
Nitrogen, Nitrate	ND	ND	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG747070-3 QC Sample: L1429482-12 Client ID: MW-3						
Nitrogen, Nitrate	0.78	0.79	mg/l	1		6
General Chemistry - Westborough Lab Associated sample(s): 01-11,13 QC Batch ID: WG747071-3 QC Sample: L1429482-03 Client ID: MW-18M						
Nitrogen, Nitrite	ND	0.015J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG747072-3 QC Sample: L1429482-12 Client ID: MW-3						
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750471-3 QC Sample: L1429482-03 Client ID: MW-18M						
Dissolved Organic Carbon	1.9	1.8	mg/l	5		20
General Chemistry - Westborough Lab Associated sample(s): 04-13 QC Batch ID: WG750472-3 QC Sample: L1429482-12 Client ID: MW-3						
Dissolved Organic Carbon	1.6J	1.4J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750473-3 QC Sample: L1429482-03 Client ID: MW-18M						
Total Organic Carbon	1.4	1.6	mg/l	13		20
General Chemistry - Westborough Lab Associated sample(s): 04-13 QC Batch ID: WG750474-3 QC Sample: L1429482-12 Client ID: MW-3						
Total Organic Carbon	0.60J	0.72J	mg/l	NC		20

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

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
D	Absent
B	Absent
C	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-01A	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-01B	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-01C	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-01D	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-01E	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-01F	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)
L1429482-01G	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)
L1429482-01H	Plastic 250ml unpreserved	C	7	3.0	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-01J	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-01K	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-02A	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-02B	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-02C	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-02D	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-02E	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-02F	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-02G	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-02H	Plastic 250ml unpreserved	A	7	3.1	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-02J	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-02K	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-03A	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-03A1	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03A2	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03B	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-03B1	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03B2	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03C	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-03C1	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03C2	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-03D	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-03D1	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	-
L1429482-03D2	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	-
L1429482-03E	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-03E1	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	-
L1429482-03E2	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	-
L1429482-03F	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-03F1	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-03F2	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-03G	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-03G1	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-03G2	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-03H	Plastic 250ml unpreserved	A	7	3.1	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-03H1	Plastic 250ml unpreserved	E	7	2.2	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-03H2	Plastic 250ml unpreserved	E	7	2.2	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-03J	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-03J1	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-03J2	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-03K	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-03K1	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-03K2	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-04A	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-04B	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429482

Report Date: 12/22/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-04C	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1429482-04D	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-04E	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-9060(28)
L1429482-04F	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-04G	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	DOC-9060(28)
L1429482-04H	Plastic 250ml unpreserved	A	7	3.1	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-04J	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-04K	Amber 1000ml unpreserved	A	7	3.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-05A	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-05B	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-05C	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-05D	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)
L1429482-05E	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)
L1429482-05F	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-05G	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-05H	Plastic 250ml unpreserved	E	7	2.2	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-05J	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-05K	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-06A	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-06B	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-06C	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-06D	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-06E	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-06F	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)
L1429482-06G	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)
L1429482-06H	Plastic 250ml unpreserved	C	7	3.0	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-06J	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-06K	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-07A	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-07B	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-07C	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-07D	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)

*Values in parentheses indicate holding time in days



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Lab Number: L1429482

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-07E	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)
L1429482-07F	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-07G	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-07H	Plastic 250ml unpreserved	E	7	2.2	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-07J	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-07K	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-08A	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-08B	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-08C	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-08D	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-08E	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-08F	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-08G	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-08H	Plastic 250ml unpreserved	B	7	2.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-08J	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-08K	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-09A	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-09B	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-09C	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-09D	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-09E	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-09F	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-09G	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-09H	Plastic 250ml unpreserved	B	7	2.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-09J	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-09K	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-10A	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-10B	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-10C	Vial HCl preserved	C	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1429482-10D	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-10E	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	TOC-9060(28)
L1429482-10F	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-10G	Vial H2SO4 preserved	C	N/A	3.0	Y	Absent	DOC-9060(28)
L1429482-10H	Plastic 250ml unpreserved	C	7	3.0	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-10J	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-10K	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-11A	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-11B	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-11C	Vial HCl preserved	B	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1429482-11D	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-11E	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	TOC-9060(28)
L1429482-11F	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-11G	Vial H2SO4 preserved	B	N/A	2.7	Y	Absent	DOC-9060(28)
L1429482-11H	Plastic 250ml unpreserved	B	7	2.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-11J	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-11K	Amber 1000ml unpreserved	B	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12A	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12A1	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12A2	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12B	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12B1	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12B2	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12C	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12C1	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12C2	Vial HCl preserved	D	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1429482-12D	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	TOC-9060(28)
L1429482-12D1	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	-
L1429482-12D2	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	-
L1429482-12E	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	TOC-9060(28)
L1429482-12E1	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	-
L1429482-12E2	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	-
L1429482-12F	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)
L1429482-12F1	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)
L1429482-12F2	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)
L1429482-12G	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)

*Values in parentheses indicate holding time in days



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Lab Number: L1429482

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429482-12G1	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)
L1429482-12G2	Vial H2SO4 preserved	D	N/A	2.5	Y	Absent	DOC-9060(28)
L1429482-12H	Plastic 250ml unpreserved	D	7	2.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-12H1	Plastic 250ml unpreserved	D	7	2.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-12H2	Plastic 250ml unpreserved	D	7	2.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-12J	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12J1	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12J2	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12K	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12K1	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-12K2	Amber 1000ml unpreserved	D	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-13A	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-13B	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-13C	Vial HCl preserved	E	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1429482-13D	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)
L1429482-13E	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	TOC-9060(28)
L1429482-13F	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-13G	Vial H2SO4 preserved	E	N/A	2.2	Y	Absent	DOC-9060(28)
L1429482-13H	Plastic 250ml unpreserved	E	7	2.2	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429482-13J	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429482-13K	Amber 1000ml unpreserved	E	7	2.2	Y	Absent	-

*Values in parentheses indicate holding time in days



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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



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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.

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Lab Number: L1429482
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

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 December 16, 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 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, SM4500CI-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		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 2		Date Rec'd in Lab 12/9/14		ALPHA Job # 1929482	
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288					
Client Information		Project Information				Deliverables		Billing Information	
Client: <u>GZA (Palmer)</u>		Project Name: <u>96 / Prison Lane</u>				☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other		☒ Same as Client Info PO #	
Address: <u>6246 Fly Pond</u> <u>East Syracuse, NY 13637</u>		Project Location: <u>Kingston, NY</u>							
Phone: <u>315-866-1809</u>		Project # <u>31.018661.00</u>							
Fax:		(Use Project name as Project #) ☐				Regulatory Requirement		Disposal Site Information	
Email: <u>b.haith@palmergroup.com</u>		Project Manager: <u>Ben Haith</u>				☒ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☒ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:	
Turn-Around Time		Standard ☒ Rush (only if pre approved) ☐				Due Date: <u>12/22/14</u>			
		of Days:							
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration	
Other project specific requirements/comments:						TEL Vials TEL Swabs TEL OGC NG2, NG3, SD4		☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Please specify Metals or TAL.								Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection		Sample Matrix		Sampler's Initials	
				Date Time					
249821		SB-17A		12/8/14 10:05		GW		MSL	
249822		SB-17S		12/8/14 10:20		GW		PCP	
249823		SB-18M		12/8/14 11:20		GW		MSL	
249824		SB-18S		12/8/14 11:25		GW		PCP	
249825		DUP 2		12/8/14 12:08		GW		PCF	
249826		MW-14		12/8/14 12:50		GW		PCF	
249827		MW-4		12/8/14 12:55		GW		PCF	
249828		MW-6		12/8/14 14:15		GW		MSL	
249829		DUP 1		12/8/14 14:20		GW		MSL	
249830		MW-5		12/8/14 14:00		GW		PCP	
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		3V 2A 2V 2V 1P	
A = None		P = Plastic		Mansfield: Certification No: MA015		Preservative		B A D D A	
B = HCl		A = Amber Glass							
C = HNO ₃		V = Vial							
D = H ₂ SO ₄		G = Glass							
E = NaOH		B = Bacteria Cup							
F = MeOH		C = Cube							
G = NaHSO ₄		O = Other							
H = Na ₂ S ₂ O ₃		E = Encore							
K/E = Zn Ac/NaOH		D = BOD Bottle							
O = Other									
Form No: 01-25 HC (rev. 30-Sept-2013)									

Total Bottles

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.)

Relinquished By:		Date/Time		Received By:		Date/Time	
<u>Patricia Finney</u>		<u>12/9/14 16:15</u>		<u>Patricia Finney</u>		<u>12/9/14 16:15</u>	
<u>Jim Conley</u>		<u>12/9/14 22:05</u>		<u>Jim Conley</u>		<u>12/9/14 22:05</u>	
<u>Jim Conley</u>		<u>12/9/14 00:14</u>		<u>Jim Conley</u>		<u>12/9/14 00:14</u>	

 NEW YORK CHAIN OF CUSTODY		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 2 of 2		Date Rec'd in Lab 12/9/14		ALPHA Job # 12221416:49					
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		Project Information Project Name: 941 Boies Lane Project Location: Kingston, NY Project # 31.0180004.66 (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: GA (Palmetto) Address: 6246 Fly Road East Syracuse, NY 13090 Phone: 315-554-1869 Fax: Email: b.haith@palmettoeng.com		Project Manager: Ben Haith ALPHAQuote #: Turn-Around Time Standard ☒ 12/22/14 Due Date: Rush (only if pre approved) ☐ # of Days:		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: Send to matthew.zasie@ga.com				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottle			
Please specify Metals or TAL.													
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		TC VC TC SVCS TC DCL (NCS, NCS, SVCS)		Sample Specific Comments	
29945211		MW-8		12/8/14 1500		GW		AD		X X X X X			
12		MW-3		12/8/14 1500		GW		PCF		X X X X X		* Ben MSMSD	
13		MW-9		12/8/14 1515		GW		MTC		X X X X X		* Under 1 min 1-10000	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube E = Other O = Encode D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type 3V 2A 2V 2V 1P		Preservative B A D D A		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.)			
				Relinquished By:		Date/Time		Received By:		Date/Time			
				<i>Patrick Finnerty</i>		12/09/14 1615		<i>J. L...</i>		12/9/14 1615			
				<i>Jon Conley</i>		12/15/14 2205		<i>Jon Conley</i>		12/15/14 2205			
				<i>Jon Conley</i>		12/18/14 0014		<i>Richard De...</i>		12/19/14 0014			



ANALYTICAL REPORT

Lab Number:	L1429582
Client:	The Palmerton Group 6296 Fly Road East Syracuse, NY 13057
ATTN:	Ben Haith
Phone:	(315) 437-5444
Project Name:	9W/BOICES LANE
Project Number:	31.0180009.00
Report Date:	12/24/14

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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: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429582-01	MW-1	WATER	KINGSTON, NY	12/09/14 07:35	12/09/14
L1429582-02	MW-16M	WATER	KINGSTON, NY	12/09/14 08:00	12/09/14
L1429582-03	MW-13	WATER	KINGSTON, NY	12/09/14 08:30	12/09/14
L1429582-04	MW-16S	WATER	KINGSTON, NY	12/09/14 09:20	12/09/14
L1429582-05	MW-11	WATER	KINGSTON, NY	12/09/14 09:25	12/09/14
L1429582-06	DUP3	WATER	KINGSTON, NY	12/09/14 08:00	12/09/14
L1429582-07	MW-10	WATER	KINGSTON, NY	12/09/14 10:30	12/09/14
L1429582-08	MW-2	WATER	KINGSTON, NY	12/09/14 11:00	12/09/14
L1429582-09	MW-12	WATER	KINGSTON, NY	12/09/14 12:30	12/09/14
L1429582-10	MW-15M	WATER	KINGSTON, NY	12/09/14 13:35	12/09/14
L1429582-11	MW-15S	WATER	KINGSTON, NY	12/09/14 13:45	12/09/14
L1429582-12	UNLABELED	WATER	KINGSTON, NY	12/09/14 13:45	12/09/14

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

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.

Volatile Organics

The WG750527-4 MS recoveries, performed on L1429582-05, are below the acceptance criteria for tetrachloroethene (67%) and trans-1,4-dichloro-2-butene (69%); however, the associated LCS/LCSD recoveries are within overall method allowances.

Semivolatile Organics

L1429582-09: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (2%), and 2,4,6-tribromophenol (0%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

The WG748538-2/-3 LCS/LCSD recoveries, associated with L1429582-01 through -11, are below the acceptance criteria for 2,4-dimethylphenol (9%/10%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG748538-4 MS recovery, performed on L1429582-05, is below the acceptance criteria for bis(2-chloroisopropyl)ether (38%).

The WG748538-4/-5 MS/MSD RPD, performed on L1429582-05, is above the acceptance criteria for 4-chloroaniline (55%).

Semivolatile Organics by SIM

L1429582-09: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (4%) and 2,4,6-tribromophenol (6%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Organic Carbon

L1429582-02, -05, -06, and -10 have elevated detection limits due to the dilutions required by the sample

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

Case Narrative (continued)

matrices.

Dissolved Organic Carbon

Because the samples were field filtered, a filter blank was not received.

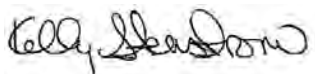
L1429582-01 through -11 have elevated detection limits due to the dilutions required by the sample matrices.

Nitrogen, Nitrate

The WG747486-4 MS recovery (78%), performed on L1429582-05, is outside the acceptance criteria; however, the associated LCS recovery is within criteria. 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 12/24/14

ORGANICS

VOLATILES

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01
Client ID: MW-1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/14 03:54
Analyst: PK

Date Collected: 12/09/14 07:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01

Date Collected: 12/09/14 07:35

Client ID: MW-1

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01

Date Collected: 12/09/14 07:35

Client ID: MW-1

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02
Client ID: MW-16M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/14 04:28
Analyst: PK

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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	0.45	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	3.1		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02

Date Collected: 12/09/14 08:00

Client ID: MW-16M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	1.7	J	ug/l	2.5	0.70	1
1,4-Dichlorobenzene	1.9	J	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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02
Client ID: MW-16M
Sample Location: KINGSTON, NY

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03
Client ID: MW-13
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/14 05:03
Analyst: PK

Date Collected: 12/09/14 08:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03

Date Collected: 12/09/14 08:30

Client ID: MW-13

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03

Date Collected: 12/09/14 08:30

Client ID: MW-13

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Project Name: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-04 D
 Client ID: MW-16S
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/19/14 13:15
 Analyst: PD

Date Collected: 12/09/14 09:20
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	800		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	2.9	20
Benzene	820		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	6.6	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	2.8	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	1100		ug/l	50	14.	20



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04 D

Date Collected: 12/09/14 09:20

Client ID: MW-16S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	680		ug/l	50	14.	20
1,4-Dichlorobenzene	820		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
Xylenes, Total	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	ND		ug/l	50	14.	20
n-Propylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	27	J	ug/l	50	14.	20
1,2,4-Trichlorobenzene	100		ug/l	50	14.	20
1,3,5-Trimethylbenzene	ND		ug/l	50	14.	20



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04 D

Date Collected: 12/09/14 09:20

Client ID: MW-16S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	820	20
p-Diethylbenzene	ND		ug/l	40	14.	20
p-Ethyltoluene	ND		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	13.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	74		70-130
Dibromofluoromethane	96		70-130

Project Name: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-05 D
 Client ID: MW-11
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/19/14 13:43
 Analyst: PD

Date Collected: 12/09/14 09:25
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.53	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	130		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.58	4
Benzene	1.4	J	ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	1.3	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.57	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	11		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05 D

Date Collected: 12/09/14 09:25

Client ID: MW-11

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05 D

Date Collected: 12/09/14 09:25

Client ID: MW-11

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	160	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.6	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	78		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06
Client ID: DUP3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/14 14:11
Analyst: PD

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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	0.41	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	2.4	J	ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06

Date Collected: 12/09/14 08:00

Client ID: DUP3

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	1.3	J	ug/l	2.5	0.70	1
1,4-Dichlorobenzene	1.5	J	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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06
Client ID: DUP3
Sample Location: KINGSTON, NY

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	76		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07
 Client ID: MW-10
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/19/14 14:39
 Analyst: PD

Date Collected: 12/09/14 10:30
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)

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	14		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	6.1		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	15		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07

Date Collected: 12/09/14 10:30

Client ID: MW-10

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	7.9		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	10		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07

Date Collected: 12/09/14 10:30

Client ID: MW-10

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	74		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08 **D**
Client ID: MW-2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/14 15:07
Analyst: PD

Date Collected: 12/09/14 11:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.33	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	100		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.36	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.82	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.36	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	8.8		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08 D

Date Collected: 12/09/14 11:00

Client ID: MW-2

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
Xylenes, Total	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	2.5	J	ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	2.5	J	ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5
n-Propylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08 D

Date Collected: 12/09/14 11:00

Client ID: MW-2

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	100	2.5
p-Diethylbenzene	ND		ug/l	5.0	1.8	2.5
p-Ethyltoluene	ND		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	ND		ug/l	5.0	1.6	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	100		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09
 Client ID: MW-12
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/19/14 15:35
 Analyst: PD

Date Collected: 12/09/14 12:30
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.38	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	100		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10
Client ID: MW-15M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/14 16:03
Analyst: PD

Date Collected: 12/09/14 13:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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	1.0	J	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	0.38	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	1.8	J	ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10

Date Collected: 12/09/14 13:35

Client ID: MW-15M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	0.98	J	ug/l	2.5	0.70	1
1,4-Dichlorobenzene	1.3	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10

Date Collected: 12/09/14 13:35

Client ID: MW-15M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	76		70-130
Dibromofluoromethane	99		70-130

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11
Client ID: MW-15S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/14 16:31
Analyst: PD

Date Collected: 12/09/14 13:45
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

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	14		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	0.48	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11

Date Collected: 12/09/14 13:45

Client ID: MW-15S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11

Date Collected: 12/09/14 13:45

Client ID: MW-15S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	100		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/17/14 22:46
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG749763-3					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/17/14 22:46
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG749763-3					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/17/14 22:46

Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG749763-3					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/17/14 22:46

Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG749763-3					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/14 10:50
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-11 Batch: WG750527-3					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/14 10:50
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-11 Batch: WG750527-3					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/14 10:50
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-11 Batch: WG750527-3					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

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: WG749763-1 WG749763-2								
Methylene chloride	91		80		70-130	13		20
1,1-Dichloroethane	99		89		70-130	11		20
Chloroform	94		82		70-130	14		20
Carbon tetrachloride	91		81		63-132	12		20
1,2-Dichloropropane	99		89		70-130	11		20
Dibromochloromethane	94		81		63-130	15		20
1,1,2-Trichloroethane	98		88		70-130	11		20
Tetrachloroethene	93		84		70-130	10		20
Chlorobenzene	93		83		75-130	11		20
Trichlorofluoromethane	83		74		62-150	11		20
1,2-Dichloroethane	100		90		70-130	11		20
1,1,1-Trichloroethane	96		84		67-130	13		20
Bromodichloromethane	96		84		67-130	13		20
trans-1,3-Dichloropropene	94		85		70-130	10		20
cis-1,3-Dichloropropene	92		81		70-130	13		20
1,1-Dichloropropene	93		82		70-130	13		20
Bromoform	94		82		54-136	14		20
1,1,2,2-Tetrachloroethane	99		91		67-130	8		20
Benzene	92		82		70-130	11		20
Toluene	100		89		70-130	12		20
Ethylbenzene	102		91		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

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: WG749763-1 WG749763-2								
Chloromethane	94		91		64-130	3		20
Bromomethane	99		91		39-139	8		20
Vinyl chloride	92		85		55-140	8		20
Chloroethane	78		74		55-138	5		20
1,1-Dichloroethene	88		79		61-145	11		20
trans-1,2-Dichloroethene	89		79		70-130	12		20
Trichloroethene	95		83		70-130	13		20
1,2-Dichlorobenzene	96		87		70-130	10		20
1,3-Dichlorobenzene	97		87		70-130	11		20
1,4-Dichlorobenzene	96		87		70-130	10		20
Methyl tert butyl ether	85		78		63-130	9		20
p/m-Xylene	99		87		70-130	13		20
o-Xylene	98		88		70-130	11		20
cis-1,2-Dichloroethene	90		79		70-130	13		20
Dibromomethane	91		80		70-130	13		20
1,2,3-Trichloropropane	96		88		64-130	9		20
Acrylonitrile	104		104		70-130	0		20
Diisopropyl Ether	114		103		70-130	10		20
Tert-Butyl Alcohol	65	Q	50	Q	70-130	26	Q	20
Styrene	98		87		70-130	12		20
Dichlorodifluoromethane	76		67		36-147	13		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

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: WG749763-1 WG749763-2								
Acetone	50	Q	42	Q	58-148	17		20
Carbon disulfide	84		68		51-130	21	Q	20
2-Butanone	74		75		63-138	1		20
Vinyl acetate	99		94		70-130	5		20
4-Methyl-2-pentanone	98		86		59-130	13		20
2-Hexanone	104		92		57-130	12		20
Acrolein	101		93		40-160	8		20
Bromochloromethane	88		82		70-130	7		20
2,2-Dichloropropane	94		83		63-133	12		20
1,2-Dibromoethane	92		83		70-130	10		20
1,3-Dichloropropane	97		87		70-130	11		20
1,1,1,2-Tetrachloroethane	99		87		64-130	13		20
Bromobenzene	96		88		70-130	9		20
n-Butylbenzene	109		96		53-136	13		20
sec-Butylbenzene	104		92		70-130	12		20
tert-Butylbenzene	102		91		70-130	11		20
o-Chlorotoluene	104		93		70-130	11		20
p-Chlorotoluene	105		94		70-130	11		20
1,2-Dibromo-3-chloropropane	92		87		41-144	6		20
Hexachlorobutadiene	95		81		63-130	16		20
Isopropylbenzene	99		88		70-130	12		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

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: WG749763-1 WG749763-2								
p-Isopropyltoluene	103		91		70-130	12		20
Naphthalene	91		86		70-130	6		20
n-Propylbenzene	106		95		69-130	11		20
1,2,3-Trichlorobenzene	88		79		70-130	11		20
1,2,4-Trichlorobenzene	90		82		70-130	9		20
1,3,5-Trimethylbenzene	103		90		64-130	13		20
1,2,4-Trimethylbenzene	102		91		70-130	11		20
Methyl Acetate	97		85		70-130	13		20
Ethyl Acetate	93		89		70-130	4		20
Cyclohexane	110		99		70-130	11		20
Ethyl-Tert-Butyl-Ether	97		89		70-130	9		20
Tertiary-Amyl Methyl Ether	87		78		66-130	11		20
1,4-Dioxane	61		49	Q	56-162	22	Q	20
Freon-113	87		78		70-130	11		20
p-Diethylbenzene	110		96		70-130	14		20
p-Ethyltoluene	101		91		70-130	10		20
1,2,4,5-Tetramethylbenzene	103		91		70-130	12		20
Ethyl ether	86		76		59-134	12		20
trans-1,4-Dichloro-2-butene	113		103		70-130	9		20
Iodomethane	107		109		70-130	2		20
Methyl cyclohexane	102		88		70-130	15		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14

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: WG749763-1 WG749763-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	105		107		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 Batch: WG750527-1 WG750527-2								
Methylene chloride	87		87		70-130	0		20
1,1-Dichloroethane	88		89		70-130	1		20
Chloroform	93		94		70-130	1		20
Carbon tetrachloride	97		97		63-132	0		20
1,2-Dichloropropane	80		79		70-130	1		20
Dibromochloromethane	97		95		63-130	2		20
1,1,2-Trichloroethane	91		91		70-130	0		20
Tetrachloroethene	97		98		70-130	1		20
Chlorobenzene	96		96		75-130	0		20
Trichlorofluoromethane	108		108		62-150	0		20
1,2-Dichloroethane	93		92		70-130	1		20
1,1,1-Trichloroethane	97		98		67-130	1		20
Bromodichloromethane	87		87		67-130	0		20
trans-1,3-Dichloropropene	94		93		70-130	1		20
cis-1,3-Dichloropropene	81		80		70-130	1		20
1,1-Dichloropropene	89		90		70-130	1		20
Bromoform	84		83		54-136	1		20
1,1,2,2-Tetrachloroethane	77		76		67-130	1		20
Benzene	86		86		70-130	0		20
Toluene	91		91		70-130	0		20
Ethylbenzene	94		94		70-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 Batch: WG750527-1 WG750527-2								
Chloromethane	64		68		64-130	6		20
Bromomethane	69		71		39-139	3		20
Vinyl chloride	86		87		55-140	1		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	96		96		61-145	0		20
trans-1,2-Dichloroethene	93		93		70-130	0		20
Trichloroethene	90		91		70-130	1		20
1,2-Dichlorobenzene	95		94		70-130	1		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	99		99		70-130	0		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	103		105		70-130	2		20
o-Xylene	102		103		70-130	1		20
cis-1,2-Dichloroethene	91		91		70-130	0		20
Dibromomethane	83		82		70-130	1		20
1,2,3-Trichloropropane	91		89		64-130	2		20
Acrylonitrile	86		85		70-130	1		20
Styrene	100		101		70-130	1		20
Dichlorodifluoromethane	93		93		36-147	0		20
Acetone	69		68		58-148	1		20
Carbon disulfide	76		76		51-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 Batch: WG750527-1 WG750527-2								
2-Butanone	69		68		63-138	1		20
Vinyl acetate	80		79		70-130	1		20
4-Methyl-2-pentanone	72		72		59-130	0		20
2-Hexanone	68		68		57-130	0		20
Bromochloromethane	97		96		70-130	1		20
2,2-Dichloropropane	94		93		63-133	1		20
1,2-Dibromoethane	90		89		70-130	1		20
1,3-Dichloropropane	89		88		70-130	1		20
1,1,1,2-Tetrachloroethane	105		106		64-130	1		20
Bromobenzene	78		78		70-130	0		20
n-Butylbenzene	98		97		53-136	1		20
sec-Butylbenzene	91		91		70-130	0		20
tert-Butylbenzene	87		87		70-130	0		20
o-Chlorotoluene	87		88		70-130	1		20
p-Chlorotoluene	88		88		70-130	0		20
1,2-Dibromo-3-chloropropane	90		87		41-144	3		20
Hexachlorobutadiene	92		90		63-130	2		20
Isopropylbenzene	73		74		70-130	1		20
p-Isopropyltoluene	96		97		70-130	1		20
Naphthalene	88		85		70-130	3		20
n-Propylbenzene	79		79		69-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 Batch: WG750527-1 WG750527-2								
1,2,3-Trichlorobenzene	96		94		70-130	2		20
1,2,4-Trichlorobenzene	98		97		70-130	1		20
1,3,5-Trimethylbenzene	97		98		64-130	1		20
1,2,4-Trimethylbenzene	94		95		70-130	1		20
1,4-Dioxane	98		102		56-162	4		20
p-Diethylbenzene	98		98		70-130	0		20
p-Ethyltoluene	87		88		70-130	1		20
1,2,4,5-Tetramethylbenzene	92		91		70-130	1		20
Ethyl ether	92		90		59-134	2		20
trans-1,4-Dichloro-2-butene	76		74		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	80		80		70-130
Dibromofluoromethane	107		107		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750527-4 WG750527-5 QC Sample: L1429582-05 Client ID: MW-11												
Methylene chloride	ND	40	37	92		38	94		70-130	3		20
1,1-Dichloroethane	ND	40	38	94		39	97		70-130	3		20
Chloroform	ND	40	40	101		41	103		70-130	2		20
Carbon tetrachloride	ND	40	42	106		43	108		63-132	2		20
1,2-Dichloropropane	ND	40	33	82		34	84		70-130	3		20
Dibromochloromethane	ND	40	40	99		41	103		63-130	2		20
1,1,2-Trichloroethane	ND	40	38	96		40	99		70-130	5		20
Tetrachloroethene	130	40	160	67	Q	160	74		70-130	0		20
Chlorobenzene	ND	40	40	101		42	104		75-130	5		20
Trichlorofluoromethane	ND	40	49	123		49	124		62-150	0		20
1,2-Dichloroethane	ND	40	40	99		40	100		70-130	0		20
1,1,1-Trichloroethane	ND	40	43	107		44	110		67-130	2		20
Bromodichloromethane	ND	40	36	90		37	93		67-130	3		20
trans-1,3-Dichloropropene	ND	40	38	96		40	100		70-130	5		20
cis-1,3-Dichloropropene	ND	40	31	78		32	80		70-130	3		20
1,1-Dichloropropene	ND	40	38	95		39	98		70-130	3		20
Bromoform	ND	40	33	82		34	85		54-136	3		20
1,1,2,2-Tetrachloroethane	ND	40	31	78		32	79		67-130	3		20
Benzene	1.4J	40	35	89		37	93		70-130	6		20
Toluene	ND	40	38	95		40	99		70-130	5		20
Ethylbenzene	ND	40	40	99		41	102		70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750527-4 WG750527-5 QC Sample: L1429582-05 Client ID: MW-11												
Chloromethane	ND	40	31	78		30	75		64-130	3		20
Bromomethane	ND	40	26	64		28	71		39-139	7		20
Vinyl chloride	ND	40	37	92		38	95		55-140	3		20
Chloroethane	ND	40	44	110		45	112		55-138	2		20
1,1-Dichloroethene	ND	40	42	104		43	107		61-145	2		20
trans-1,2-Dichloroethene	ND	40	39	99		41	103		70-130	5		20
Trichloroethene	11	40	48	93		50	97		70-130	4		20
1,2-Dichlorobenzene	ND	40	39	98		41	102		70-130	5		20
1,3-Dichlorobenzene	ND	40	40	100		42	104		70-130	5		20
1,4-Dichlorobenzene	ND	40	41	102		42	105		70-130	2		20
Methyl tert butyl ether	ND	40	36	91		37	93		63-130	3		20
p/m-Xylene	ND	80	87	109		90	113		70-130	3		20
o-Xylene	ND	80	85	106		88	110		70-130	3		20
cis-1,2-Dichloroethene	ND	40	40	100		42	105		70-130	5		20
Dibromomethane	ND	40	34	86		35	87		70-130	3		20
1,2,3-Trichloropropane	ND	40	36	90		37	92		64-130	3		20
Acrylonitrile	ND	40	34	84		35	87		70-130	3		20
Styrene	ND	80	83	104		86	107		70-130	4		20
Dichlorodifluoromethane	ND	40	41	103		41	102		36-147	0		20
Acetone	ND	40	29	72		30	76		58-148	3		20
Carbon disulfide	ND	40	31	77		33	82		51-130	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750527-4 WG750527-5 QC Sample: L1429582-05 Client ID: MW-11												
2-Butanone	ND	40	27	67		28	69		63-138	4		20
Vinyl acetate	ND	40	32	79		33	82		70-130	3		20
4-Methyl-2-pentanone	ND	40	28	71		30	74		59-130	7		20
2-Hexanone	ND	40	27	67		28	69		57-130	4		20
Bromochloromethane	ND	40	41	102		41	102		70-130	0		20
2,2-Dichloropropane	ND	40	35	87		36	90		63-133	3		20
1,2-Dibromoethane	ND	40	37	92		38	96		70-130	3		20
1,3-Dichloropropane	ND	40	37	92		38	96		70-130	3		20
1,1,1,2-Tetrachloroethane	ND	40	45	112		46	115		64-130	2		20
Bromobenzene	ND	40	32	80		33	82		70-130	3		20
n-Butylbenzene	ND	40	39	98		41	102		53-136	5		20
sec-Butylbenzene	ND	40	37	93		38	96		70-130	3		20
tert-Butylbenzene	ND	40	36	90		37	93		70-130	3		20
o-Chlorotoluene	ND	40	36	89		37	93		70-130	3		20
p-Chlorotoluene	ND	40	36	90		37	93		70-130	3		20
1,2-Dibromo-3-chloropropane	ND	40	37	92		38	95		41-144	3		20
Hexachlorobutadiene	ND	40	38	94		39	97		63-130	3		20
Isopropylbenzene	ND	40	30	76		31	78		70-130	3		20
p-Isopropyltoluene	ND	40	40	99		41	102		70-130	2		20
Naphthalene	ND	40	35	89		37	93		70-130	6		20
n-Propylbenzene	ND	40	32	81		33	83		69-130	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750527-4 WG750527-5 QC Sample: L1429582-05 Client ID: MW-11												
1,2,3-Trichlorobenzene	ND	40	39	97		41	102		70-130	5		20
1,2,4-Trichlorobenzene	ND	40	40	99		42	104		70-130	5		20
1,3,5-Trimethylbenzene	ND	40	40	100		41	103		64-130	2		20
1,2,4-Trimethylbenzene	ND	40	39	97		40	101		70-130	3		20
1,4-Dioxane	ND	2000	1900	97		2000	101		56-162	5		20
p-Diethylbenzene	ND	40	40	100		42	104		70-130	5		20
p-Ethyltoluene	ND	40	35	88		37	92		70-130	6		20
1,2,4,5-Tetramethylbenzene	ND	40	38	95		40	99		70-130	5		20
Ethyl ether	ND	40	38	94		38	96		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	40	28	69	Q	28	71		70-130	0		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	109		105		70-130
4-Bromofluorobenzene	78		79		70-130
Dibromofluoromethane	108		107		70-130
Toluene-d8	98		99		70-130

SEMIVOLATILES

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01
Client ID: MW-1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 14:46
Analyst: AS

Date Collected: 12/09/14 07:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	ND		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	1.1	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01

Date Collected: 12/09/14 07:35

Client ID: MW-1

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	79		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01
Client ID: MW-1
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 12:16
Analyst: KV

Date Collected: 12/09/14 07:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01

Date Collected: 12/09/14 07:35

Client ID: MW-1

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	18	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	61		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02
Client ID: MW-16M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 15:11
Analyst: AS

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	2.4		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	1.4	J	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	1.5	J	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	ND		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	9.0		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02

Date Collected: 12/09/14 08:00

Client ID: MW-16M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	92		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02
Client ID: MW-16M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 12:49
Analyst: KV

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-02

Date Collected: 12/09/14 08:00

Client ID: MW-16M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	88		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03
Client ID: MW-13
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 15:37
Analyst: AS

Date Collected: 12/09/14 08:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	ND		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	1.5	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03

Date Collected: 12/09/14 08:30

Client ID: MW-13

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03
Client ID: MW-13
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 13:21
Analyst: KV

Date Collected: 12/09/14 08:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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	0.07	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	0.10	J	ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.14	J	ug/l	0.20	0.07	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.20	0.07	1
Chrysene	0.07	J	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	0.16	J	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	0.08	J	ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	0.13	J	ug/l	0.20	0.08	1
Pyrene	0.06	J	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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-03

Date Collected: 12/09/14 08:30

Client ID: MW-13

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	18	Q	21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	76		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04
Client ID: MW-16S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 14:50
Analyst: AS

Date Collected: 12/09/14 09:20
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	51		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	370	E	ug/l	2.0	0.30	1
1,3-Dichlorobenzene	240	E	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	280	E	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	ND		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	0.44	J	ug/l	10	0.36	1

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04

Date Collected: 12/09/14 09:20

Client ID: MW-16S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	100		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04
Client ID: MW-16S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 13:52
Analyst: KV

Date Collected: 12/09/14 09:20
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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	0.07	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	1.3		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.10	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-04

Date Collected: 12/09/14 09:20

Client ID: MW-16S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	14	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04 D
 Client ID: MW-16S
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 12/23/14 20:02
 Analyst: AS

Date Collected: 12/09/14 09:20
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)
 Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

1,2-Dichlorobenzene	280		ug/l	8.0	1.2	4
1,3-Dichlorobenzene	170		ug/l	8.0	1.4	4
1,4-Dichlorobenzene	200		ug/l	8.0	1.3	4

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05
Client ID: MW-11
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 15:15
Analyst: AS

Date Collected: 12/09/14 09:25
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	ND		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	1.4	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05

Date Collected: 12/09/14 09:25

Client ID: MW-11

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	97		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05
Client ID: MW-11
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 14:22
Analyst: KV

Date Collected: 12/09/14 09:25
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05

Date Collected: 12/09/14 09:25

Client ID: MW-11

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	81		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06
Client ID: DUP3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 14:48
Analyst: AS

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	1.3	J	ug/l	2.0	0.30	1
1,3-Dichlorobenzene	0.66	J	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	0.82	J	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	ND		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	4.6	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06

Date Collected: 12/09/14 08:00

Client ID: DUP3

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	75		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06
Client ID: DUP3
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 14:53
Analyst: KV

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06

Date Collected: 12/09/14 08:00

Client ID: DUP3

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	73		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07
 Client ID: MW-10
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 12/23/14 15:13
 Analyst: AS

Date Collected: 12/09/14 10:30
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)
 Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:11

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	3.2		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	1.8	J	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	2.1		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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07

Date Collected: 12/09/14 10:30

Client ID: MW-10

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	86		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07
Client ID: MW-10
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 15:24
Analyst: KV

Date Collected: 12/09/14 10:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS****Lab ID:** L1429582-07**Date Collected:** 12/09/14 10:30**Client ID:** MW-10**Date Received:** 12/09/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08
Client ID: MW-2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 15:39
Analyst: AS

Date Collected: 12/09/14 11:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08

Date Collected: 12/09/14 11:00

Client ID: MW-2

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	79		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08
Client ID: MW-2
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 15:56
Analyst: KV

Date Collected: 12/09/14 11:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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	0.06	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08

Date Collected: 12/09/14 11:00

Client ID: MW-2

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	18	Q	21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	66		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09
 Client ID: MW-12
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 12/23/14 16:04
 Analyst: PS

Date Collected: 12/09/14 12:30
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)
 Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:11

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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	0	Q	21-120
Phenol-d6	2	Q	10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	0	Q	10-120
4-Terphenyl-d14	75		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09
Client ID: MW-12
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 16:27
Analyst: MW

Date Collected: 12/09/14 12:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:10

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	0.07	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.14	J	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	0.09	J	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	0.08	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	4	Q	21-120
Phenol-d6	11		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	6	Q	10-120
4-Terphenyl-d14	59		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09 **RE**
Client ID: MW-12
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/24/14 01:43
Analyst: PS

Date Collected: 12/09/14 12:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/23/14 07:30

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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09 RE

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	80		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09 **RE**
Client ID: MW-12
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/14 13:16
Analyst: MW

Date Collected: 12/09/14 12:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/23/14 07:30

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	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-09 RE

Date Collected: 12/09/14 12:30

Client ID: MW-12

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	69		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10
 Client ID: MW-15M
 Sample Location: KINGSTON, NY
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 12/23/14 15:41
 Analyst: AS

Date Collected: 12/09/14 13:35
 Date Received: 12/09/14
 Field Prep: Field Filtered (DOC)
 Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:13

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	0.84	J	ug/l	2.0	0.30	1
1,3-Dichlorobenzene	0.48	J	ug/l	2.0	0.35	1
1,4-Dichlorobenzene	0.58	J	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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10

Date Collected: 12/09/14 13:35

Client ID: MW-15M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	73		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10
Client ID: MW-15M
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 16:57
Analyst: KV

Date Collected: 12/09/14 13:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS**

Lab ID: L1429582-10

Date Collected: 12/09/14 13:35

Client ID: MW-15M

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	60		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11
Client ID: MW-15S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/14 16:06
Analyst: AS

Date Collected: 12/09/14 13:45
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:13

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	ND		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	2.0	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11

Date Collected: 12/09/14 13:45

Client ID: MW-15S

Date Received: 12/09/14

Sample Location: KINGSTON, NY

Field Prep: Field Filtered (DOC)

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	111		41-149

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11
Client ID: MW-15S
Sample Location: KINGSTON, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/14 17:27
Analyst: KV

Date Collected: 12/09/14 13:45
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)
Extraction Method: EPA 3510C
Extraction Date: 12/14/14 21:11

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	0.09	J	ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.07	J	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: 9W/BOICES LANE**Lab Number:** L1429582**Project Number:** 31.0180009.00**Report Date:** 12/24/14**SAMPLE RESULTS****Lab ID:** L1429582-11**Date Collected:** 12/09/14 13:45**Client ID:** MW-15S**Date Received:** 12/09/14**Sample Location:** KINGSTON, NY**Field Prep:** Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	76		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/16/14 09:02
 Analyst: AS

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-11 Batch: WG748538-1					
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	ND		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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/16/14 09:02
 Analyst: AS

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-11 Batch: WG748538-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	81		41-149



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 12/16/14 11:21

Extraction Date: 12/14/14 21:10

Analyst: KV

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08,10-11 Batch: WG748539-1					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 12/16/14 11:21
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 12/14/14 21:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08,10-11 Batch: WG748539-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	88		41-149

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/23/14 18:45
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 12/23/14 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG751258-1					
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	ND		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	1.2	J	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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/23/14 18:45
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 12/23/14 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG751258-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	15	Q	21-120
Phenol-d6	10		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	81		41-149



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 12/23/14 12:00
 Analyst: MW

Extraction Method: EPA 3510C
 Extraction Date: 12/23/14 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG751260-1					
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: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 12/23/14 12:00
 Analyst: MW

Extraction Method: EPA 3510C
 Extraction Date: 12/23/14 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG751260-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	16	Q	21-120
Phenol-d6	12		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG748538-2 WG748538-3								
1,2,4-Trichlorobenzene	51		41		39-98	22		30
Bis(2-chloroethyl)ether	66		59		40-140	11		30
1,2-Dichlorobenzene	50		38	Q	40-140	27		30
1,3-Dichlorobenzene	50		37	Q	40-140	30		30
1,4-Dichlorobenzene	49		37		36-97	28		30
3,3'-Dichlorobenzidine	14	Q	49		40-140	111	Q	30
2,4-Dinitrotoluene	65		68		24-96	5		30
2,6-Dinitrotoluene	60		63		40-140	5		30
4-Chlorophenyl phenyl ether	65		65		40-140	0		30
4-Bromophenyl phenyl ether	65		65		40-140	0		30
Bis(2-chloroisopropyl)ether	62		57		40-140	8		30
Bis(2-chloroethoxy)methane	65		65		40-140	0		30
Hexachlorocyclopentadiene	45		41		40-140	9		30
Isophorone	68		68		40-140	0		30
Nitrobenzene	73		66		40-140	10		30
NitrosoDiPhenylAmine(NDPA)/DPA	44		60		40-140	31	Q	30
n-Nitrosodi-n-propylamine	70		69		29-132	1		30
Bis(2-Ethylhexyl)phthalate	84		88		40-140	5		30
Butyl benzyl phthalate	75		80		40-140	6		30
Di-n-butylphthalate	83		86		40-140	4		30
Di-n-octylphthalate	85		89		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG748538-2 WG748538-3								
Diethyl phthalate	74		76		40-140	3		30
Dimethyl phthalate	74		74		40-140	0		30
Biphenyl	55		50			10		30
4-Chloroaniline	24	Q	52		40-140	74	Q	30
2-Nitroaniline	68		69		52-143	1		30
3-Nitroaniline	46		60		25-145	26		30
4-Nitroaniline	48	Q	58		51-143	19		30
Dibenzofuran	69		67		40-140	3		30
1,2,4,5-Tetrachlorobenzene	50		44		2-134	13		30
Acetophenone	65		62		39-129	5		30
2,4,6-Trichlorophenol	52		58		30-130	11		30
P-Chloro-M-Cresol	69		69		23-97	0		30
2-Chlorophenol	67		61		27-123	9		30
2,4-Dichlorophenol	74		72		30-130	3		30
2,4-Dimethylphenol	9	Q	10	Q	30-130	3		30
2-Nitrophenol	68		65		30-130	5		30
4-Nitrophenol	56		56		10-80	0		30
2,4-Dinitrophenol	76		78		20-130	3		30
4,6-Dinitro-o-cresol	70		76		20-164	8		30
Phenol	34		32		12-110	6		30
2-Methylphenol	26	Q	31		30-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG748538-2 WG748538-3								
3-Methylphenol/4-Methylphenol	43		44		30-130	2		30
2,4,5-Trichlorophenol	70		70		30-130	0		30
Benzoic Acid	41		42			2		30
Benzyl Alcohol	65		62			5		30
Carbazole	82		86		55-144	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		37		21-120
Phenol-d6	33		30		10-120
Nitrobenzene-d5	74		68		23-120
2-Fluorobiphenyl	62		63		15-120
2,4,6-Tribromophenol	54		60		10-120
4-Terphenyl-d14	70		74		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG748539-2 WG748539-3								
Acenaphthene	67		55		37-111	20		40
2-Chloronaphthalene	66		54		40-140	20		40
Fluoranthene	88		74		40-140	17		40
Hexachlorobutadiene	45		37	Q	40-140	20		40
Naphthalene	56		45		40-140	22		40
Benzo(a)anthracene	86		73		40-140	16		40
Benzo(a)pyrene	85		72		40-140	17		40
Benzo(b)fluoranthene	86		72		40-140	18		40
Benzo(k)fluoranthene	84		73		40-140	14		40
Chrysene	83		71		40-140	16		40
Acenaphthylene	70		58		40-140	19		40
Anthracene	78		64		40-140	20		40
Benzo(ghi)perylene	88		74		40-140	17		40
Fluorene	74		61		40-140	19		40
Phenanthrene	78		65		40-140	18		40
Dibenzo(a,h)anthracene	90		75		40-140	18		40
Indeno(1,2,3-cd)Pyrene	89		75		40-140	17		40
Pyrene	87		73		26-127	18		40
2-Methylnaphthalene	66		54		40-140	20		40
Pentachlorophenol	77		65		9-103	17		40
Hexachlorobenzene	74		61		40-140	19		40

Lab Control Sample Analysis Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG748539-2 WG748539-3								
Hexachloroethane	38	Q	30	Q	40-140	24		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	33		26		21-120
Phenol-d6	29		23		10-120
Nitrobenzene-d5	60		48		23-120
2-Fluorobiphenyl	66		53		15-120
2,4,6-Tribromophenol	89		72		10-120
4-Terphenyl-d14	80		67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG751258-2 WG751258-3								
1,2,4-Trichlorobenzene	54		53		39-98	2		30
Bis(2-chloroethyl)ether	61		59		40-140	3		30
1,2-Dichlorobenzene	50		50		40-140	0		30
1,3-Dichlorobenzene	47		46		40-140	2		30
1,4-Dichlorobenzene	48		46		36-97	4		30
3,3'-Dichlorobenzidine	84		75		40-140	11		30
2,4-Dinitrotoluene	95		86		24-96	10		30
2,6-Dinitrotoluene	96		88		40-140	9		30
4-Chlorophenyl phenyl ether	68		67		40-140	1		30
4-Bromophenyl phenyl ether	74		70		40-140	6		30
Bis(2-chloroisopropyl)ether	60		57		40-140	5		30
Bis(2-chloroethoxy)methane	72		66		40-140	9		30
Hexachlorocyclopentadiene	36	Q	35	Q	40-140	3		30
Isophorone	74		68		40-140	8		30
Nitrobenzene	75		72		40-140	4		30
NitrosoDiPhenylAmine(NDPA)/DPA	81		74		40-140	9		30
n-Nitrosodi-n-propylamine	76		69		29-132	10		30
Bis(2-Ethylhexyl)phthalate	90		81		40-140	11		30
Butyl benzyl phthalate	83		73		40-140	13		30
Di-n-butylphthalate	82		73		40-140	12		30
Di-n-octylphthalate	88		78		40-140	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG751258-2 WG751258-3								
Diethyl phthalate	82		74		40-140	10		30
Dimethyl phthalate	77		72		40-140	7		30
Biphenyl	60		59			2		30
4-Chloroaniline	67		65		40-140	3		30
2-Nitroaniline	96		87		52-143	10		30
3-Nitroaniline	71		66		25-145	7		30
4-Nitroaniline	80		71		51-143	12		30
Dibenzofuran	68		66		40-140	3		30
1,2,4,5-Tetrachlorobenzene	56		55		2-134	2		30
Acetophenone	80		75		39-129	6		30
2,4,6-Trichlorophenol	94		85		30-130	10		30
P-Chloro-M-Cresol	83		74		23-97	11		30
2-Chlorophenol	65		59		27-123	10		30
2,4-Dichlorophenol	83		76		30-130	9		30
2,4-Dimethylphenol	78		71		30-130	9		30
2-Nitrophenol	94		87		30-130	8		30
4-Nitrophenol	43		34		10-80	23		30
2,4-Dinitrophenol	105		95		20-130	10		30
4,6-Dinitro-o-cresol	111		103		20-164	7		30
Phenol	26		23		12-110	12		30
2-Methylphenol	57		49		30-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG751258-2 WG751258-3								
3-Methylphenol/4-Methylphenol	51		46		30-130	10		30
2,4,5-Trichlorophenol	89		85		30-130	5		30
Benzoic Acid	13		13			0		30
Benzyl Alcohol	56		50			11		30
Carbazole	82		74		55-144	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	34		30		21-120
Phenol-d6	24		21		10-120
Nitrobenzene-d5	85		79		23-120
2-Fluorobiphenyl	77		73		15-120
2,4,6-Tribromophenol	84		78		10-120
4-Terphenyl-d14	83		76		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG751260-2 WG751260-3								
Acenaphthene	75		77		37-111	3		40
2-Chloronaphthalene	78		80		40-140	3		40
Fluoranthene	85		85		40-140	0		40
Hexachlorobutadiene	66		69		40-140	4		40
Naphthalene	73		76		40-140	4		40
Benzo(a)anthracene	78		78		40-140	0		40
Benzo(a)pyrene	78		79		40-140	1		40
Benzo(b)fluoranthene	76		79		40-140	4		40
Benzo(k)fluoranthene	80		78		40-140	3		40
Chrysene	77		76		40-140	1		40
Acenaphthylene	83		85		40-140	2		40
Anthracene	80		78		40-140	3		40
Benzo(ghi)perylene	74		74		40-140	0		40
Fluorene	86		87		40-140	1		40
Phenanthrene	78		78		40-140	0		40
Dibenzo(a,h)anthracene	75		75		40-140	0		40
Indeno(1,2,3-cd)Pyrene	75		74		40-140	1		40
Pyrene	85		84		26-127	1		40
2-Methylnaphthalene	81		83		40-140	2		40
Pentachlorophenol	76		76		9-103	0		40
Hexachlorobenzene	71		70		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG751260-2 WG751260-3								
Hexachloroethane	66		70		40-140	6		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	36		38		21-120
Phenol-d6	25		27		10-120
Nitrobenzene-d5	79		81		23-120
2-Fluorobiphenyl	75		76		15-120
2,4,6-Tribromophenol	93		94		10-120
4-Terphenyl-d14	75		74		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG748538-4 WG748538-5 QC Sample: L1429582-05 Client ID: MW-11												
1,2,4-Trichlorobenzene	ND	40	21	53		25	63		39-98	17		30
Bis(2-chloroethyl)ether	ND	40	19	48		23	58		40-140	19		30
1,2-Dichlorobenzene	ND	40	18	45		22	55		40-140	20		30
1,3-Dichlorobenzene	ND	40	18	45		21	53		40-140	15		30
1,4-Dichlorobenzene	ND	40	17	43		21	53		36-97	21		30
3,3'-Dichlorobenzidine	ND	40	21	53		26	65		40-140	21		30
2,4-Dinitrotoluene	ND	40	29	73		32	80		24-96	10		30
2,6-Dinitrotoluene	ND	40	28	70		30	75		40-140	7		30
4-Chlorophenyl phenyl ether	ND	40	28	70		32	80		40-140	13		30
4-Bromophenyl phenyl ether	ND	40	31	78		33	83		40-140	6		30
Bis(2-chloroisopropyl)ether	ND	40	15	38	Q	17	43		40-140	13		30
Bis(2-chloroethoxy)methane	ND	40	21	53		23	58		40-140	9		30
Hexachlorocyclopentadiene	ND	40	19J	48		20	50		40-140	5		30
Isophorone	ND	40	22	55		24	60		40-140	9		30
Nitrobenzene	ND	40	23	58		27	68		40-140	16		30
NitrosoDiPhenylAmine(NDPA)/DPA	ND	40	29	73		31	78		40-140	7		30
n-Nitrosodi-n-propylamine	ND	40	21	53		24	60		29-132	13		30
Bis(2-Ethylhexyl)phthalate	1.4J	40	30	75		34	85		40-140	13		30
Butyl benzyl phthalate	ND	40	27	68		30	75		40-140	11		30
Di-n-butylphthalate	ND	40	29	73		32	80		40-140	10		30
Di-n-octylphthalate	ND	40	30	75		34	85		40-140	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG748538-4 WG748538-5 QC Sample: L1429582-05 Client ID: MW-11												
Diethyl phthalate	ND	40	29	73		32	80		40-140	10		30
Dimethyl phthalate	ND	40	29	73		31	78		40-140	7		30
Biphenyl	ND	40	28	70		31	78			10		30
4-Chloroaniline	ND	40	16	40		28	70		40-140	55	Q	30
2-Nitroaniline	ND	40	29	73		32	80		52-143	10		30
3-Nitroaniline	ND	40	21	53		24	60		25-145	13		30
4-Nitroaniline	ND	40	29	73		32	80		51-143	10		30
Dibenzofuran	ND	40	28	70		31	78		40-140	10		30
1,2,4,5-Tetrachlorobenzene	ND	40	27	68		30	75		2-134	11		30
Acetophenone	ND	40	25	63		28	70		39-129	11		30
2,4,6-Trichlorophenol	ND	40	33	83		35	88		30-130	6		30
P-Chloro-M-Cresol	ND	40	29	73		31	78		23-97	7		30
2-Chlorophenol	ND	40	23	58		26	65		27-123	12		30
2,4-Dichlorophenol	ND	40	31	78		35	88		30-130	12		30
2,4-Dimethylphenol	ND	40	20	50		23	58		30-130	14		30
2-Nitrophenol	ND	40	26	65		29	73		30-130	11		30
4-Nitrophenol	ND	40	12	30		11	28		10-80	9		30
2,4-Dinitrophenol	ND	40	27	68		30	75		20-130	11		30
4,6-Dinitro-o-cresol	ND	40	30	75		33	83		20-164	10		30
Phenol	ND	40	11	28		13	33		12-110	17		30
2-Methylphenol	ND	40	21	53		23	58		30-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG748538-4 WG748538-5 QC Sample: L1429582-05 Client ID: MW-11												
3-Methylphenol/4-Methylphenol	ND	40	20	50		23	58		30-130	14		30
2,4,5-Trichlorophenol	ND	40	34	85		37	93		30-130	8		30
Benzoic Acid	ND	40	12J	30		14.J	35			15		30
Benzyl Alcohol	ND	40	22	55		24	60			9		30
Carbazole	ND	40	30	75		34	85		55-144	13		30

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2,4,6-Tribromophenol	86		93		10-120
2-Fluorobiphenyl	71		77		15-120
2-Fluorophenol	36		43		21-120
4-Terphenyl-d14	75		83		41-149
Nitrobenzene-d5	58		66		23-120
Phenol-d6	25		29		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG748539-4 WG748539-5 QC Sample: L1429582-05 Client ID: MW-11												
Acenaphthene	ND	40	30	75		35	88		37-111	15		40
2-Chloronaphthalene	ND	40	30	75		34	85		40-140	13		40
Fluoranthene	ND	40	35	88		41	100		40-140	16		40
Hexachlorobutadiene	ND	40	20	50		24	60		40-140	18		40
Naphthalene	ND	40	24	60		29	73		40-140	19		40
Benzo(a)anthracene	ND	40	33	83		40	100		40-140	19		40
Benzo(a)pyrene	ND	40	33	83		39	98		40-140	17		40
Benzo(b)fluoranthene	ND	40	32	80		41	100		40-140	25		40
Benzo(k)fluoranthene	ND	40	32	80		38	95		40-140	17		40
Chrysene	ND	40	32	80		38	95		40-140	17		40
Acenaphthylene	ND	40	30	75		35	88		40-140	15		40
Anthracene	ND	40	32	80		38	95		40-140	17		40
Benzo(ghi)perylene	ND	40	34	85		40	100		40-140	16		40
Fluorene	ND	40	32	80		38	95		40-140	17		40
Phenanthrene	ND	40	32	80		38	95		40-140	17		40
Dibenzo(a,h)anthracene	ND	40	34	85		41	100		40-140	19		40
Indeno(1,2,3-cd)Pyrene	ND	40	34	85		40	100		40-140	16		40
Pyrene	ND	40	34	85		40	100		26-127	16		40
2-Methylnaphthalene	ND	40	29	73		34	85		40-140	16		40
Pentachlorophenol	ND	40	31	78		36	90		9-103	15		40
Hexachlorobenzene	ND	40	33	83		39	98		40-140	17		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG748539-4 WG748539-5 QC Sample: L1429582-05 Client ID: MW-11												
Hexachloroethane	ND	40	19	48		23	58		40-140	19		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	84		99		10-120
2-Fluorobiphenyl	73		85		15-120
2-Fluorophenol	41		50		21-120
4-Terphenyl-d14	72		86		41-149
Nitrobenzene-d5	69		82		23-120
Phenol-d6	30		37		10-120

INORGANICS & MISCELLANEOUS

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-01
Client ID: MW-1
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 07:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 02:42	44,353.2	DE
Nitrogen, Nitrate	1.6		mg/l	0.10	0.021	1	-	12/11/14 02:42	44,353.2	DE
Total Organic Carbon	2.6		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.6	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	83.6		mg/l	10.0	1.30	10	-	12/19/14 21:13	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-02
Client ID: MW-16M
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.48		mg/l	0.050	0.014	1	-	12/11/14 02:43	44,353.2	DE
Nitrogen, Nitrate	0.039	J	mg/l	0.10	0.021	1	-	12/11/14 02:43	44,353.2	DE
Total Organic Carbon	2.1	J	mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	1.9	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	24.5		mg/l	10.0	1.30	10	-	12/19/14 21:25	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-03
Client ID: MW-13
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 08:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 02:44	44,353.2	DE
Nitrogen, Nitrate	1.4		mg/l	0.10	0.021	1	-	12/11/14 02:44	44,353.2	DE
Total Organic Carbon	3.2		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	3.0	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	77.9		mg/l	10.0	1.30	10	-	12/19/14 21:37	44,300.0	AU



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-04

Client ID: MW-16S

Sample Location: KINGSTON, NY

Matrix: Water

Date Collected: 12/09/14 09:20

Date Received: 12/09/14

Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.51		mg/l	0.050	0.014	1	-	12/11/14 02:46	44,353.2	DE
Nitrogen, Nitrate	1.1		mg/l	0.10	0.021	1	-	12/11/14 02:46	44,353.2	DE
Total Organic Carbon	2.9		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.7	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	18.5		mg/l	10.0	1.30	10	-	12/19/14 21:49	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-05
Client ID: MW-11
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 09:25
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 02:47	44,353.2	DE
Nitrogen, Nitrate	1.6		mg/l	0.10	0.021	1	-	12/11/14 02:47	44,353.2	DE
Total Organic Carbon	2.0	J	mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.0	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	48.5		mg/l	10.0	1.30	10	-	12/19/14 22:25	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-06
Client ID: DUP3
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 08:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.42		mg/l	0.050	0.014	1	-	12/11/14 02:58	44,353.2	DE
Nitrogen, Nitrate	0.025	J	mg/l	0.10	0.021	1	-	12/11/14 02:58	44,353.2	DE
Total Organic Carbon	2.0	J	mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.0	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	24.6		mg/l	10.0	1.30	10	-	12/19/14 22:37	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-07
Client ID: MW-10
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 10:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 02:59	44,353.2	DE
Nitrogen, Nitrate	0.054	J	mg/l	0.10	0.021	1	-	12/11/14 02:59	44,353.2	DE
Total Organic Carbon	3.2		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	3.2	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	17.3		mg/l	10.0	1.30	10	-	12/19/14 23:49	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-08
Client ID: MW-2
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 11:00
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 03:00	44,353.2	DE
Nitrogen, Nitrate	1.9		mg/l	0.10	0.021	1	-	12/11/14 03:00	44,353.2	DE
Total Organic Carbon	2.6		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.6	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	66.2		mg/l	10.0	1.30	10	-	12/20/14 00:01	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-09
Client ID: MW-12
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 12:30
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 03:01	44,353.2	DE
Nitrogen, Nitrate	2.1		mg/l	0.10	0.021	1	-	12/11/14 03:01	44,353.2	DE
Total Organic Carbon	3.0		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	3.0	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	71.8		mg/l	10.0	1.30	10	-	12/20/14 00:13	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-10
Client ID: MW-15M
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 13:35
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.18		mg/l	0.050	0.014	1	-	12/11/14 03:03	44,353.2	DE
Nitrogen, Nitrate	0.55		mg/l	0.10	0.021	1	-	12/11/14 03:03	44,353.2	DE
Total Organic Carbon	1.7	J	mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	1.7	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	230.		mg/l	10.0	1.30	10	-	12/20/14 00:25	44,300.0	AU



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

SAMPLE RESULTS

Lab ID: L1429582-11
Client ID: MW-15S
Sample Location: KINGSTON, NY
Matrix: Water

Date Collected: 12/09/14 13:45
Date Received: 12/09/14
Field Prep: Field Filtered (DOC)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrite	0.073		mg/l	0.050	0.014	1	-	12/11/14 03:04	44,353.2	DE
Nitrogen, Nitrate	2.7		mg/l	0.10	0.021	1	-	12/11/14 03:04	44,353.2	DE
Total Organic Carbon	2.6		mg/l	2.5	0.59	5	-	12/20/14 06:33	1,9060	DW
Dissolved Organic Carbon	2.6	J	mg/l	5.0	0.22	5	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	113.		mg/l	10.0	1.30	10	-	12/20/14 00:37	44,300.0	AU



Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

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): 01-11 Batch: WG747486-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.021	1	-	12/11/14 02:18	44,353.2	DE
General Chemistry - Westborough Lab for sample(s): 01-11 Batch: WG747487-1										
Nitrogen, Nitrite	ND		mg/l	0.050	0.014	1	-	12/11/14 02:21	44,353.2	DE
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG750603-1										
Dissolved Organic Carbon	ND		mg/l	1.0	0.04	1	12/20/14 09:36	12/20/14 09:36	1,9060	DW
General Chemistry - Westborough Lab for sample(s): 04-11 Batch: WG750604-1										
Dissolved Organic Carbon	ND		mg/l	1.0	0.04	1	12/20/14 09:36	12/20/14 09:36	1,9060	DW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-11 Batch: WG750762-1										
Sulfate	ND		mg/l	1.00	0.130	1	-	12/19/14 18:37	44,300.0	AU
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG750862-1										
Total Organic Carbon	ND		mg/l	0.50	0.12	1	-	12/20/14 06:33	1,9060	DW
General Chemistry - Westborough Lab for sample(s): 04-11 Batch: WG750863-1										
Total Organic Carbon	ND		mg/l	0.50	0.12	1	-	12/20/14 06:33	1,9060	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 Batch: WG747486-2								
Nitrogen, Nitrate	109		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-11 Batch: WG747487-2								
Nitrogen, Nitrite	105		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG750603-2								
Dissolved Organic Carbon	92		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 04-11 Batch: WG750604-2								
Dissolved Organic Carbon	92		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-11 Batch: WG750762-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG750862-2								
Total Organic Carbon	92		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 04-11 Batch: WG750863-2								
Total Organic Carbon	92		-		90-110	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 9W/BOICES LANE

Lab Number: L1429582

Project Number: 31.0180009.00

Report Date: 12/24/14

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): 01-11 QC Batch ID: WG747486-4 QC Sample: L1429582-05 Client ID: MW-11												
Nitrogen, Nitrate	1.6	4	4.7	78	Q	-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG747487-4 QC Sample: L1429582-05 Client ID: MW-11												
Nitrogen, Nitrite	ND	4	4.7	117		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750603-4 QC Sample: L1429582-01 Client ID: MW-1												
Dissolved Organic Carbon	2.6J	40	44	110		-	-		79-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750604-4 QC Sample: L1429582-05 Client ID: MW-11												
Dissolved Organic Carbon	2.0J	20	21	106		-	-		79-120	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG750762-3 WG750762-4 QC Sample: L1429582-05 Client ID: MW-11												
Sulfate	48.5	200	270	111		274	113		60-140	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750862-4 QC Sample: L1429582-01 Client ID: MW-1												
Total Organic Carbon	2.6	40	39	92		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750863-4 QC Sample: L1429582-05 Client ID: MW-11												
Total Organic Carbon	2.0J	20	21	103		-	-		80-120	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG747486-3 QC Sample: L1429582-05 Client ID: MW-11						
Nitrogen, Nitrate	1.6	1.6	mg/l	2		6
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG747487-3 QC Sample: L1429582-05 Client ID: MW-11						
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750603-3 QC Sample: L1429582-01 Client ID: MW-1						
Dissolved Organic Carbon	2.6J	2.5J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750604-3 QC Sample: L1429582-05 Client ID: MW-11						
Dissolved Organic Carbon	2.0J	2.0J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG750862-3 QC Sample: L1429582-01 Client ID: MW-1						
Total Organic Carbon	2.6	2.4J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 04-11 QC Batch ID: WG750863-3 QC Sample: L1429582-05 Client ID: MW-11						
Total Organic Carbon	2.0J	2.1J	mg/l	NC		20

Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

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

C Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429582-01A	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-01B	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-01C	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-01D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-01E	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-01F	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-01G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-01H	Plastic 250ml unpreserved	C	8	5.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-01I	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-01J	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-02A	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-02B	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-02C	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-02D	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-02E	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-02F	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-02G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-02H	Plastic 250ml unpreserved	B	8	4.3	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-02I	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-02J	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-03A	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-03B	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429582-03C	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-03D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-03E	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-03F	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-03G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-03H	Plastic 250ml unpreserved	C	8	5.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-03I	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-03J	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-04A	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-04B	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-04C	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-04D	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	TOC-9060(28)
L1429582-04E	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	TOC-9060(28)
L1429582-04F	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-04G	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-04H	Plastic 250ml unpreserved	A	8	5.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-04I	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-04J	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05A	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05A1	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05A2	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05B	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05B1	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05B2	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05C	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05C1	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05C2	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-05D	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	TOC-9060(28)
L1429582-05D1	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	-
L1429582-05D2	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	-
L1429582-05E	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	TOC-9060(28)
L1429582-05E1	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	-
L1429582-05E2	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	-

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429582-05F	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-05F1	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-05F2	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-05G	Vial H2SO4 preserved	A	N/A	5.5	Y	Absent	DOC-9060(28)
L1429582-05G1	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-05G2	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-05H	Plastic 250ml unpreserved	A	8	5.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-05H1	Plastic 250ml unpreserved	A	8	5.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-05H2	Plastic 250ml unpreserved	A	8	5.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-05I	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05I1	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05I2	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05J	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05J1	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-05J2	Amber 1000ml unpreserved	A	8	5.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-06A	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-06B	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-06C	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-06D	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-06E	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-06F	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-06G	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-06H	Plastic 250ml unpreserved	B	8	4.3	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-06I	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-06J	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-07A	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-07B	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-07C	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-07D	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-07E	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-07F	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429582-07G	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-07H	Plastic 250ml unpreserved	B	8	4.3	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-07I	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-07J	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-08A	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-08B	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-08C	Vial HCl preserved	A	N/A	5.5	Y	Absent	NYTCL-8260(14)
L1429582-08D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-08E	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-08F	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-08G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-08H	Plastic 250ml unpreserved	A	8	5.5	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-08I	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-08J	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-09A	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-09B	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-09C	Vial HCl preserved	B	N/A	4.3	Y	Absent	NYTCL-8260(14)
L1429582-09D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-09E	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	TOC-9060(28)
L1429582-09F	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-09G	Vial H2SO4 preserved	B	N/A	4.3	Y	Absent	DOC-9060(28)
L1429582-09H	Plastic 250ml unpreserved	B	8	4.3	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-09I	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-09J	Amber 1000ml unpreserved	B	8	4.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-10A	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-10B	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-10C	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-10D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-10E	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-10F	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-10G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE

Project Number: 31.0180009.00

Lab Number: L1429582

Report Date: 12/24/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429582-10H	Plastic 250ml unpreserved	C	8	5.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-10I	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-10J	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-11A	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-11B	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-11C	Vial HCl preserved	C	N/A	5.7	Y	Absent	NYTCL-8260(14)
L1429582-11D	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-11E	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	TOC-9060(28)
L1429582-11F	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-11G	Vial H2SO4 preserved	C	N/A	5.7	Y	Absent	DOC-9060(28)
L1429582-11H	Plastic 250ml unpreserved	C	8	5.7	Y	Absent	SO4-300(28),NO2-353(2),NO3-353(2)
L1429582-11I	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-11J	Amber 1000ml unpreserved	C	8	5.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1429582-12A	Vial HCl preserved	C	N/A	5.7	Y	Absent	HOLD(14)
L1429582-12B	Vial HCl preserved	C	N/A	5.7	Y	Absent	HOLD(14)
L1429582-12C	Vial HCl preserved	C	N/A	5.7	Y	Absent	HOLD(14)
L1429582-12D	Vial HCl preserved	C	N/A	5.7	Y	Absent	HOLD(14)

*Values in parentheses indicate holding time in days



Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

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: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

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.

Project Name: 9W/BOICES LANE
Project Number: 31.0180009.00

Lab Number: L1429582
Report Date: 12/24/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

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 December 16, 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 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, SM4500CI-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.**

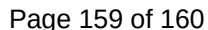
EPA 624: Volatile Halocarbons & Aromatics,

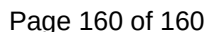
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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.





Certificate of Analysis: Gene-Trac® *Dehalococcoides* Assay

Customer: Ben Haith, GZA Geo Environmental

SiREM Reference: S-3445

Project: GW/Borces Lane Kingston, NY

Report Date: 6-Jan-15

Customer Reference: 31.0180004.00

Data Files: iQ5-DHC-QPCR-1181
iQ5-DB-DHC-QPCR-0535
iQ5-TBA-QPCR-0082

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc *	<i>Dehalococcoides</i> Enumeration/Liter **
MW-14	DHC-11122	8-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-3	DHC-11123	8-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-1	DHC-11124	9-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-11	DHC-11125	9-Dec-14	Groundwater	NA	3 x 10 ³ U

Notes:

* Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

** Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

J The associated value is an estimated quantity between the method detection limit and quantitation limit.

U Not detected, associated value is the quantification limit.

B Analyte was detected in the method blank within an order of magnitude of the test sample

NA Not applicable as *Dehalococcoides* not detected and/or quantifiable DNA not extracted from the sample.

I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

E Extracted genomic DNA was not detected in sample.

Analyst:


Ben Reside
Laboratory Technician

Approved:


Ximena Druar, B.Sc.
Genetic Testing Coordinator

Certificate of Analysis: Gene-Trac® *Dehalobacter* Assay

Customer: Ben Haith, GZA Geo Environmental

SiREM Reference: S-3445

Project: GW/Borces Lane Kingston, NY

Report Date: 6-Jan-15

Customer Reference: 31.0180004.00

Data Files: MyiQ-DHB-QPCR-0327
MyiQ-DB-DHB-QPCR-0141

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhb *	<i>Dehalobacter</i> 16S rRNA Gene Copies/Liter
MW-14	DHB-1319	8-Dec-14	Groundwater	NA	3×10^3 U
MW-3	DHB-1320	8-Dec-14	Groundwater	0.003 - 0.008 %	3×10^4
MW-1	DHB-1321	9-Dec-14	Groundwater	NA	3×10^3 U
MW-11	DHB-1322	9-Dec-14	Groundwater	NA	3×10^3 U

Notes:

* Percent *Dehalobacter* (Dhb) in microbial population. This value is calculated by dividing the number of Dhb 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhb enumeration.

J The associated value is an estimated quantity between the method detection limit and quantitation limit.

U Not detected, associated value is the quantitation limit.

B Analyte was also detected in the method blank.

NA Not applicable as *Dehalobacter* not detected and/or quantifiable DNA not extracted from the sample.

I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

E Extracted genomic DNA was not detected in the sample.

Analyst:


Ben Reside
Laboratory Technician

Approved:


Ximena Druar, B.Sc.
Genetic Testing Coordinator

Certificate of Analysis: Gene-Trac® *Dehalogenimonas* Assay

Customer: Ben Haith, GZA Geo Environmental

SiREM Reference: S-3445

Project: GW/Borces Lane Kingston, NY

Report Date: 6-Jan-15

Customer Reference: 31.0180004.00

Data Files: iQ5-DHG-QPCR-0025
iQ5-DB-DHG-QPCR-0025

Table 1c: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhg *	<i>Dehalogenimonas</i> 16S rRNA Gene Copies/Liter
MW-14	DHG-0058	8-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-3	DHG-0059	8-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-1	DHG-0060	9-Dec-14	Groundwater	NA	3 x 10 ³ U
MW-11	DHG-0061	9-Dec-14	Groundwater	NA	3 x 10 ³ U

Notes:

* Percent *Dehalogenimonas* (Dhg) in microbial population. This value is calculated by dividing the number of Dhg 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhg enumeration.

J The associated value is an estimated quantity between the method detection limit and quantitation limit.

U Not detected, associated value is the quantitation limit.

B Analyte was also detected in the method blank.

NA Not applicable as *Dehalogenimonas* not detected and/or quantifiable DNA not extracted from the sample.

I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

E Extracted genomic DNA was not detected in the sample.

Analyst:



Ben Reside
Laboratory Technician

Approved:



Ximena Druar, B.Sc.
Genetic Testing Coordinator

Table 2: Detailed Test Parameters, Gene-Trac Test Reference S-3445

Customer Sample ID	MW-14	MW-3	MW-1	MW-11
SiREM Dhc Sample ID	DHC-11122	DHC-11123	DHC-11124	DHC-11125
SiREM <i>vcrA</i> Sample ID	NA	NA	NA	NA
SiREM Dhb Sample ID	DHB-1319	DHB-1320	DHB-1321	DHB-1322
SiREM Dhg Sample ID	DHG-0058	DHG-0059	DHG-0060	DHG-0061
Date Received *	12-Dec-14	12-Dec-14	12-Dec-14	12-Dec-14
Sample Temperature	6 °C	6 °C	6 °C	6 °C
Filtration Date *	18-Dec-14	18-Dec-14	18-Dec-14	18-Dec-14
Volume Used for DNA Extraction	500 mL	500 mL	500 mL	500 mL
DNA Extraction Date	18-Dec-14	18-Dec-14	18-Dec-14	18-Dec-14
DNA Concentration in Sample (extractable)	2632 ng/L	2247 ng/L	3354 ng/L	3378 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	19-Dec-14	19-Dec-14	19-Dec-14	19-Dec-14
Dhb qPCR Date Analyzed	22-Dec-15	22-Dec-15	22-Dec-15	22-Dec-15
Dhg qPCR Date Analyzed	23-Dec-15	23-Dec-15	23-Dec-15	23-Dec-15
Laboratory Controls (see Tables 3, 4 & 5)	Passed	Passed	Passed	Passed
Comments	sample not tested for <i>vcrA</i> as it was ND for Dhc	sample not tested for <i>vcrA</i> as it was ND for Dhc	sample not tested for <i>vcrA</i> as it was ND for Dhc	sample not tested for <i>vcrA</i> as it was ND for Dhc

Notes:

Refer to Tables 3, 4 & 5 for detailed results of controls.

°C = degrees Celsius

Dhb = *Dehalobacter*

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

mL = milliliters

ng/L = nanograms per liter

NA = Not Applicable

ND = Not Detected

PCR = polymerase chain reaction

qPCR = quantitative PCR

vcrA = vinyl chloride reductase

*Samples are stabilized by freezing at -80°C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 10 days of sample reception.

Table 3: Gene-Trac Dhc Control Results, Test Reference S-3445

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	19-Dec-14	qPCR with KB1 genomic DNA (CSLD-0819)	4.0×10^6	9.4×10^6	See note 1
Positive Control High Concentration	19-Dec-14	qPCR with KB1 genomic DNA (CSHD-0819)	8.3×10^8	5.2×10^8	--
DNA Extraction Blank	19-Dec-14	DNA extraction sterile water (FB-2310)	0	2.6×10^3 U	--
Negative Control	19-Dec-14	Tris Reagent Blank (TBD-0778)	0	2.6×10^3 U	--

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

U Not detected, associated value is the quantification limit.

¹Outside recovery limit guideline of +/- 50%.

Table 4: Gene-Trac Dhb Control Results, Test Reference S-3445

Laboratory Control	Analysis Date	Control Description	Spiked Dhb 16S rRNA Gene Copies per Liter	Recovered Dhb 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	22-Dec-14	qPCR with SC05 genomic DNA (CSLDB-0286)	1.8×10^6	1.1×10^6	--
Positive Control High Concentration	22-Dec-14	qPCR with SC05 genomic DNA (CSHDB-0286)	2.8×10^8	1.7×10^8	--
DNA Extraction Blank	22-Dec-14	DNA extraction sterile water (FB-2310)	0	2.6×10^3 U	--
Negative Control	22-Dec-14	Tris Reagent Blank (TBDB-0286)	0	2.6×10^3 U	--

Notes:

qPCR = quantitative PCR

Dhb = *Dehalobacter*

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

U Not detected, associated value is the quantitation limit.

Table 5: Gene-Trac Dhg Control Results, Test Reference S-3445

Laboratory Control	Analysis Date	Control Description	Spiked Dhg 16S rRNA Gene Copies per Liter	Recovered Dhg 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	23-Dec-14	qPCR with WBC-2 genomic DNA (CSLDG-0025)	3.5×10^3	2.9×10^3	--
Positive Control High Concentration	23-Dec-14	qPCR with WBC-2 genomic DNA (CSHDG-0025)	4.7×10^4	1.9×10^4	See Note 1
DNA Extraction Blank	23-Dec-14	DNA extraction sterile water (FB-2310)	0	2.6×10^3 U	--
Negative Control	23-Dec-14	Tris Reagent Blank (TBDG-0025)	0	2.6×10^3 U	--

Notes:

qPCR = quantitative PCR

Dhg = *Dehalogenimonas*

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

U Not detected, associated value is the quantitation limit.

¹Outside recovery limit guideline of +/- 50%.

APPENDIX F

IDW MANIFEST AND CERTIFICATE OF DISPOSAL

**REMIT TO:**

PO Box 315
Syracuse, NY 13209
(315) 451-6666
EIN# 030364761

INVOICE NO.

2053884

DATE

December 18, 2014

GZA GEOENVIRONMENTAL, INC
ATTN: DAVID PALMERTON (PIC)
6296 FLY ROAD
EAST SYRACUSE, NY 13057

JOB NUMBER: W6304

CONTACT: MATT ZUBIK

Site : 1-29 BOICES LANE
KINGSTON NY 12401

PO#:

Page 1 of 2

Description	Quantity	Unit	Unit Price	Total

12/05/2014

PROJECT #: 31.0180004.00

CLIENT: 9W/BOICES LANE, LLC

PROVIDE SERVICES TO DELIVER (2) 55 GALLON DRUMS TO
THE SITE LOCATION.

QUOTED AS:

** LABOR **

DELIVERY FEE	1.00	EACH	100.00	100.00
FUEL SURCHARGE	1.00	EACH	25.00	25.00
DRUM, 1A2, 18/16 GAUGE, 55 GAL (STEEL, OPEN TOP)	2.00	EACH	54.00	108.00

12/16/2014

PROVIDE SERVICES TO PICK-UP, TRANSPORT AND
DISPOSE OF (23) 55 GALLON DRUMS CONTAINING SOIL
CUTTINGS AND NON HAZ IDW MONITORING WATER.

QUOTED AS:

** LABOR **

Continued

Please reference the Invoice Number when submitting payment.

1½ % per month Service Charge will be added to all past due invoices.

NET 10 DAYS

**REMIT TO:**

PO Box 315
Syracuse, NY 13209
(315) 451-6666
EIN# 030364761

INVOICE NO.**2053884****DATE****December 18, 2014**

GZA GEOENVIRONMENTAL, INC
ATTN: DAVID PALMERTON (PIC)
6296 FLY ROAD
EAST SYRACUSE, NY 13057

JOB NUMBER: W6304

CONTACT: MATT ZUBIK

Site : 1-29 BOICES LANE
KINGSTON NY 12401

PO#:

Page 2 of 2

Description	Quantity	Unit	Unit Price	Total
PICK UP FEE	1.00	EACH	750.00	750.00
FUEL SURCHARGE	1.00	EACH	25.00	25.00
** RECYCLING/DISPOSAL **				
NON-RCRA, NON-DOT SOLIDS (SOIL CUTTINGS) (14) 55 GALLON DRUMS - BOL #: MET2324	14.00	DRUM	165.00	2,310.00
NON-RCRA, NON-DOT LIQUIDS (NON HAZ IDW MONITORING WELL WATER) (9) 55 GALLON DRUMS - BOL #: MET2324	9.00	DRUM	165.00	1,485.00
SHIPPING DOCUMENT & PROFILING FEE	1.00	EACH	20.00	20.00
** JOB COMPLETE **				

Sub Total: 4,823.00

Sales Tax: 385.84

Invoice Total: 5,208.84

Please reference the Invoice Number when submitting payment.

1 1/2 % per month Service Charge will be added to all past due invoices.

NET 10 DAYS



24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING		1. Document No. MET2324	2. Page 1 of 1
3. Generator's Name and Mailing Address 9W / BOICES LANE, LLC. 84 BUSINESS PARK DRIVE ARMONK NY 10604		Site Address 9W / BOICES LANE KINGSTON NY 12401	
4. Generator's Phone (315) 461-7583			
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC		A. State Transporter's ID 28118-VI	
6. NYR000115733		B. Transporter 1 Phone 800 843-8265	
7. Transporter 2 Company Name		C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 532 STATE FAIR BLVD. SYRACUSE NY 13204 HM		E. State Facility's ID	
		F. Facility's Phone 800 843-8265	
11. Shipping Name		12. Containers No.	13. Total Quantity
a. NON-RCRA, NON-DOT SOLIDS, N.O.S. (Soil Cuttings)		14	DM
b. NON-RCRA, NON-DOT, LIQUIDS, N.O.S. (NON HAZ IDW MONITORING WELL WATER)		9	DM
c.			
d.			
G. Additional Descriptions for Materials Listed Above			
a. App#1214074-DT, 14 X 55 Gal			
c.			
b. APP#: 1214075-OT, 9 X 55 GAL			
d.			
16. Special Handling Instructions and Additional Information 1) 2) JOB#W6304			
18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this document are not subject to federal manifest requirements.			
Printed/Typed Name J. Norbert - S. Mirca		Signature J. Norbert - S. Mirca	Date Month Day Year 12/16/14
17. Transporter 1 Acknowledgement of Receipt of Materials		Date	
Printed/Typed Name Kenneth W. Mills		Signature Kenneth W. Mills	Date Month Day Year 12/16/14
18. Transporter 2 Acknowledgement of Receipt of Materials		Date	
Printed/Typed Name		Signature	Date Month Day Year
19. Discrepancy Indication Space			
20. Facility Owner or Operator: Certification of receipt of the materials covered by this bill of lading except as noted in Item 19.			
Printed/Typed Name RON POKRANTOWSKI		Signature Ron Pokrantowski	Date Month Day Year 12/17/14

BILL OF LADING

GENERATOR

TRANSPORTER

FACILITY

532 State Fair Boulevard
Syracuse, NY 13204
Website: epsofermont.com



Phone: 315-451-6666
Fax: 315-457-6652
1-800-THE-TANK

CERTIFICATE OF DISPOSAL

Quantity	Material	Certificate Number
2800LBS	Soil Cuttings	MET2324

Was received by the Syracuse Waste Management Facility from 9W / Boices Lane, LLC. on the 16th day of December, 2014. It has been consolidated with like material and been shipped to another properly permitted TSD facility for recycle (Ontario County Landfill - Stanley, NY)

Under civil and criminal penalties of law for the making or submission of false statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in/or accompanying this document is true, accurate and complete to the best of my knowledge. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the person who, acting under my direction, made the verification that this information is true, accurate and complete.

Approval Number: 1214074-DT

Manifest Number: MET2324

EPSVT Job Number: W6304

Name: ~~Jeff~~ Parzych
Title: Facility Manager

Date: 1/15/15

532 State Fair Boulevard
Syracuse, NY 13204
Website: epsofermont.com



Phone: 315-451-6666
Fax: 315-457-6652
1-800-THE-TANK

CERTIFICATE OF DISPOSAL

Quantity	Material	Certificate Number
360 GAL.S	IDW Monitoring Well Water	MET2324

Was received by the Syracuse Waste Management Facility from 9W / Boices Lane, LLC. on the 16th day of December, 2014. It has been consolidated with like material and been shipped to another properly permitted TSD facility for recycle (Industrial Oil - Oriskany, NY)

Under civil and criminal penalties of law for the making or submission of false statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in/or accompanying this document is true, accurate and complete to the best of my knowledge. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the person who, acting under my direction, made the verification that this information is true, accurate and complete.

Approval Number: 1214075-OT

Manifest Number: MET2324

EPSVT Job Number: W6304

Name: Jeff Parzych
Title: Facility Manager
Date: 1/15/15