60 ALEXANDER STREET
YONKERS, NEW YORK

PHASE II ENVIRONMENTAL SITE ASSESSMENT

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PWGC Project Number: STR1501

SEPTEMBER 29, 2015

60 ALEXANDER STREET, YONKERS, NEW YORK
PHASE II ENVIRONMENTAL SITE ASSESSMENT

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1.0 INTRODUCTION

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report to document the results of the Phase II Environmental Site Assessment (ESA) performed for the property located at 60 Alexander Street, Yonkers, New York (subject property). The scope of work was based upon a Phase I ESA prepared by PWGC in June 2015 and included a geophysical survey, the installation of borings, the collection and analysis of soil and groundwater samples, the inspection of potential leaching structures, and the inspection of floor drains, a sump, and an oil water separator. Following the PWGC field investigation, additional documentation related to the previously removed underground storage tank (UST), the previously abandoned interior hydraulic lifts, and the floor drain discharge locations were provided by the current property owner.

1.1 Site Background

The subject site is located at 60 Alexander St. in Yonkers, NY in the county of Westchester. A location map is presented as **Figure 1**. The property (approximately 0.46 acres) is improved with a one story office building with two connected garage bay buildings, and an asphalt parking lot and walkway. The building was built slab on-grade. The original office building dates back to at least 1951 with extensions added in the 1970's and 2000's for the garage bays.

1.2 Environmental History

PGWC prepared a Phase I ESA dated June 2015. The Phase I ESA identified the following Recognized Environmental Conditions (RECs) with respect to the subject property:

- The property currently and has historically contained USTs. The location of the historic USTs was unknown.
- The property contains chemical storage in several drums stored throughout the property.
- The property historically contained hydraulic lifts.
- The property contains several interior and exterior floor drains, a sump, and an oil / water separator.
- The property contains several manholes of unknown use, one of which contains a trench cut-out in the asphalt, and a circular cut-out in the asphalt was observed that is a similar size as the manholes.
- The property's historic use as a fuel oil company.
- The property was built on historic fill material.

A Phase II ESA was recommended to further investigate each of the above RECs.

2.0 FIELD ACTIVITIES

On July 22 and 23, 2015, PWGC conducted a Phase II ESA which consisted of: a geophysical survey, the installation of borings and the collection and analysis of soil samples (SB001 through SB010) and groundwater samples (GW001, GW002, and GW003), the inspection of potential leaching structures, and the inspection of floor drains, a sump, and an oil water separator.

The soil and groundwater investigation was performed in accordance with the Division of Environmental Remediation (DER) Draft DER-10 Technical Guidance for Site Investigation and Remediation, May 2010.

Sampling locations are depicted on **Figure 2**. A photolog has been included as **Appendix A**.

2.1 Geophysical Survey

PWGC contracted Delta Geophysics Inc. (Delta) to perform a geophysical survey of the property to determine the presence of subsurface anomalies including the absence/presence and locations of undocumented USTs and the hydraulic lifts. The geophysical survey was performed on July 22, 2015 and overseen by a PWGC representative. Delta technicians utilized a Fisher M-Scope TW-6 split-box electromagnetic metal detector, a RD7000 utility locator, and a Geophysical Survey Systems Inc. SIR-3000 cart-mounted ground penetrating radar (GPR), to perform the site survey.

Delta surveyed all accessible areas of the property with the exception of the office building and areas where bulk material prevented access, most notably in the northeast section of the property. In addition, the GPR was generally limited to a depth of 1 to 3 feet below grade surface due to the conductivity of the soil and reinforced concrete. The following items of note were identified during the geophysical:

- The suspected former UST area, a large concrete pad in the western section of the parking lot, did not exhibit evidence of existing USTs.
- A metallic anomaly was identified in the southeastern section of the property. The anomaly was cylindrical in shape and measured approximately 9 feet by 6.5 feet at a depth of approximately 3 feet below grade surface (bgs). Based upon the size and shape of the anomaly, it has the potential to be a UST.
- The asphalt trench cut-out near the eastern section of the property did not reveal any anomalies.
- A large concrete anomaly was identified beneath the asphalt along the eastern property boundary. The anomaly may extend further north along the property boundary; however, the GPR could not access

enough of the area north of the general drum storage area. The concrete anomaly appears to be related to the eight manhole covers identified in the area.

- Piping from the three floor drains in the large garage were traced to the oil water separator. Piping for the exterior drain was traced to the sump. The location of the piping exiting the oil water separator and the sump was inconclusive. Piping was not detected with the metal detector for the fifth floor drain near the 275 gallon waste oil aboveground storage tank (AST) in the northeast portion of the property.
- A sewer vent pipe was located along the northern exterior wall of the office building that was determined to be connected to the municipal sewer system traveling along Alexander Street.
- Four locations were identified in the small garage that were consistent with hydraulic lift pistons. The survey could not confirm the existence of below grade components of the hydraulic lifts
- Exposed fuel oil tank supply lines were observed in the small garage along the western building wall. These lines were traced to a location outside of the building, underneath the parking lot. An anomaly was not detected outside of this area; however, reinforced concrete outside of the building limited the GPR and TW-6 to approximately 1 foot bgs.

Delta's report is included as **Appendix B**.

2.2 Subsurface Soil Investigation

On July 23, 2015 PWGC mobilized to the site to collect subsurface soil samples. Boring locations were selected based on the results of the geophysical survey, the RECs identified in the Phase I ESA, and in areas that would provide adequate representation of the underlying fill material. Soil boring locations are identified on **Figure 2**. The table below summarizes the rationale for the sample locations.

Boring ID	Location Rationale
SB001	Down-gradient of suspect former UST area, general historic fill characterization
SB002	Within suspect former UST area
SB003	Down-gradient of metallic anomaly, general historic fill characterization
SB004	Adjacent to fuel oil tank lines observed in small garage
SB005	Up-gradient of exterior drain
SB006	Within asphalt trench cut-out
SB007	Down-gradient of active drum storage area, general historic fill characterization
SB008	In vicinity of hydraulic lifts, down-gradient of exterior drain
SB009	In vicinity of hydraulic lifts, down-gradient of exterior drain
SB010	Further down-gradient of suspected former UST area

Geoprobe drilling services were provided by Associated Environmental Services, Ltd. (Associated) of Hauppauge, New York. Associated utilized a track mounted Geoprobe Systems® unit to perform the soil borings. At each of the ten boring locations (SB001 through SB010), soil borings were advanced from grade to a depth of 15 feet bgs. Groundwater was encountered between 7 feet and 9 feet bgs. Groundwater was deeper on the eastern portion of the site due to the slightly higher elevation. Soils were field screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID).

Soils were characterized as predominantly fill consisting of sand with brick, concrete, and asphalt from grade to 15 feet bgs. SB001 exhibited olfactory evidence of possible petroleum impact from between 3 feet and 10 feet bgs and contained the highest PID reading at the site at 1,820 parts per million (ppm) (isobutylene equivalent) from the 7.5 to 10 feet bgs interval. The borings conducted in the vicinity of the hydraulic lifts did not reveal evidence of hydraulic oil impact. Visual evidence of impact was not observed in the other boring locations; however, slight petroleum odors were observed in soils across the site. PID hits ranged from 0.0 ppm to 62.1 ppm in the nine other soil borings with the higher PID responses generally detected below the water table. Soil boring logs are included as **Appendix C**.

Samples were collected for laboratory analysis from seven of the borings at the intervals with the highest PID responses and were analyzed for the following parameters:

- VOCs by USEPA Method 8260 (CP-51 List)
- Semi-volatile organic compounds (SVOCs) by USEPA Method 8270 (CP-51 List)

Samples from the three other borings were sampled to analyze the distribution of historic fill vertically and horizontally at the site and were analyzed for the following parameters:

- VOCs by USEPA Method 8260
- SVOCs by USEPA Method 8270
- Total Metals by USEPA method 6010
- Pesticides by EPA Method 8081
- PCBs by EPA Method 8082

Soil samples were placed on ice in a cooler and were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) ELAP certified laboratory under proper chain of custody procedures.

2.3 Groundwater Investigation

Temporary groundwater sampling points were installed at three of the boring locations. The locations were chosen based upon PID response from the soil borings, the location of potential sources of impact to the subsurface, and to evaluate up-gradient and down-gradient groundwater quality.

The sampling points were screened with a four foot long screen point sampler installed within the water table depth at each location. Groundwater was encountered between 7 and 9 feet throughout the subject property. Each sample was purged of a minimum of three casing volumes; however, the groundwater samples collected were observed to be very silty, evidence of high turbidity. All sampling points were removed for the boreholes once the groundwater sample was collected. The borehole was then backfilled and sealed to grade with asphalt. The following table describes the sample locations and rationale:

Groundwater Sample ID	Corresponding *Soil Boring ID*	Location Rationale
GW001	SB001	Elevated PID reading, down-gradient of suspect UST area, down-gradient location on-site
GW002	SB003	Up-gradient / cross-gradient sample location
GW003	SB008	Vicinity of hydraulic lifts

Groundwater samples were submitted to Alpha Analytical and analyzed for the following:

- VOCs by USEPA Method 8260 (CP-51 List)
- SVOCs by USEPA Method 8270 (CP-51 List)

2.4 Underground Injection Control Structure Inspection

PWGC investigated the underground injection control (UIC) structures located in the eastern section of the property (**Figure 2**). Based on field observations, eight manhole structures (MH001 through MH008) were located. All manhole coverers were constructed with solid tops with WCSSC (Westchester County Sanitary Sewer Connection) written on the covers. Of the UIC structures that PWGC was able to access and open the manhole covers, each structure contained secondary covers a few inches below the primary cover that could not be opened and prevented further inspection. These structures were all located within the large sub-grade concrete structure that was detected during the geophysical. Many of these structures are also appear to be located within the property easement on the eastern side of the property. These manhole covers are likely part of the municipal sanitary system and would likely discharge to another location off-site.

The June 2015 Phase I investigation also identified several floor drains throughout the subject property. In order to determine whether these structures discharge to the municipal sewer system, the sub-surface beneath the subject property, or some other location, PWGC inspected each of the structures.

A total of five floor drains were observed at the property. A dye test was performed on the exterior drain next to the small garage. PWGC was able to confirm that the exterior drain flowed into the sump located in the northeast corner of the small garage. However, the pipe exiting the sump could only be traced to the exterior wall just to the north of the sump and no further.

In the large garage, three floor drains are present on the southern portion of the garage. During the geophysical investigation, piping was traced from each of these three drains to an oil water separator to the west. A dye test performed by PWGC confirmed that that the drains did flow to the oil water separator. PWGC did not observe pipes exiting the oil water separator due to the volume of liquids within the oil water separator.

A fifth floor drain located in a small stair well located just outside the northeast corner of the large garage was encountered during the field investigation. A dye test performed by PWGC was unsuccessful at determining the discharge location and the cover of the drain could not be removed to further investigate the drainage structure.

The locations of the floor drains and associated piping are included on **Figure 2**.

3.0 ANALYTICAL RESULTS

3.1 Soil Analytical Results

Soil analytical results for the three samples characterizing the historic fill at the site were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted Residential SCOs, and Industrial SCOs. Soil analytical results from the seven other samples were compared to the NYSDEC CP-51 list of Soil Cleanup Levels (SCLs) for fuel oil contaminated soils.

3.1.1 Historic Fill Analytical Results

Analytical data from the three historic fill samples is included in **Tables 1** through **4**. Laboratory analytical sheets are included as **Appendix D**.

Several VOCs were identified in one of the historic fill samples (SB001) that are consistent with petroleum contamination which will be discussed in Section 3.1.2. VOCs in the remaining samples were non-detect or less than Unrestricted Use SCOs.

SVOCs were identified at concentrations exceeding Unrestricted Use SCOs only in sample SB007 (0 to 2.5 feet bgs). The compounds identified are typical of historic fill with the majority of the compounds exceeding Restricted Residential Use and one compound exceeding Industrial Use.

Metals were identified at concentrations exceeding Unrestricted Use SCOs in the samples collected from SB003 (4 to 6 feet bgs) and SB007. Exceedances included arsenic (max concentration of 22 mg/kg with an Industrial Use SCO of 16 mg/kg), lead (max concentration of 160 mg/kg with an Unrestricted Use SCO of 63 mg/kg), and mercury (max concentration of 2.9 mg/kg with a Restricted Residential SCO of 0.81 mg/kg), as well as copper and zinc.

Two pesticides were detected in the samples from SB003 and SB007 at concentrations slightly exceeding Unrestricted Use SCOs. PCBs were non-detect or less than Unrestricted Use SCOs in each of the three samples.

The analytical results from these three samples indicate that historic fill impacted with SVOCs, metals, and pesticides is present at the site and has been observed at shallow and intermediate depths (from 0 to 5 feet bgs).

3.1.2 CP-51 Soil Analytical Results

Analytical data from the three historic fill samples is included in **Table 5**. Laboratory analytical sheets are included as **Appendix D**.

As previously discussed, one of the historic fill samples (SB001 at 5 to 7.5 feet bgs) contained several VOCs exceeding Unrestricted Use SCOs. This sample corresponds to the soil boring with the highest PID reading observed and is indicative of petroleum contamination. Groundwater at this location was observed at approximately 7.5 feet bgs; therefore, the sample was likely collected in the smear zone indicating that contaminants observed in this soil sample may be the result of groundwater impact further up-gradient (east) of the boring location. Approximately 35 feet further east of the SB001 boring is SB002 (2.5 to 5 feet bgs) which was non-detect or less than SCLs for VOCs and SVOCs. PID readings in SB002 near the water table were less than 5 ppm (isobutylene equivalent) indicating that the groundwater in the vicinity of SB002 was likely not significantly contaminated with VOCs. Two VOCs were detected in two of the other borings (SB004 and SB005) at concentrations slightly exceeding the SCLs. SVOCs slightly exceeded SCLs in two of the samples, SB004 and SB006.

3.2 Groundwater Analytical Results

Groundwater analytical results were compared to the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA groundwater quality standards (GQSs).

Groundwater analytical data is included in **Table 6**. Laboratory analytical sheets are included as **Appendix D**.

VOCs were detected at concentrations exceeding GQSs in one of the three groundwater samples. GW001, which corresponds to soil boring SB001, contained most of the CP-51 VOC analytes at concentrations slightly greater than GQSs. The other two groundwater samples were non-detect or contained concentrations less than GQSs. MTBE was not detected in any of the three samples.

Each of the three samples contained SVOC concentrations slightly exceeding GQSs.

4.0 POST FIELD INVESTIGATION ACTIVITIES

Following the subsurface investigation and review of the analytical data, PWGC called the NYSDEC to report a spill at the property as required by law. Spill # 15-04923 was opened. In Westchester County, the West Chester County Department of Health (WCDH) typically oversees spills and consults with the NYSDEC when necessary. Based upon conversations PWGC has had with the WCDH, monitoring of the groundwater will be required. WCDH has requested that three monitoring wells be installed, developed, surveyed, and sampled for VOCs and SVOCs on a quarterly basis. Quarterly status reports will be required to be submitted to the WCDH following the sampling events.

In addition to the WCDH requirements, multiple documents were provided to PWGC to address several of the RECs.

- On September 19, 2015, a drain snaking and inspection survey was reportedly conducted by J.D.M. Maintenance, Inc. The documentation indicated that two floor drains, one roof drain, and the sewer main (storm) were snaked. The drains were dye tested and all ran through the storm main trap and are not connected to sanitary.
- The 1,000 gallon UST was reportedly located just west of where the current 2,000 gallon UST is installed. A proposal dated October 1998 indicated that a 1,000 gallon UST would be removed and that soils beneath the UST would be field screened and sampled in accordance with NYSDEC regulations. There is a discrepancy in the dates as the WCDH records indicate that the 2,000 gallon UST was installed in 1994 and the 1,000 gallon UST was removed in 1995; however, 1998 was a common time for USTs to be replaced due to a change in the United States Environmental Protection Agency (USEPA) regulations regarding fuel oil USTs, so it is possible that the dates in the WCDH registration documentation are incorrect.
- A monthly leak detection inspection form for dates between April and September 2015 was provided which indicated that the leak detection system for the 2,000 gallon UST was being inspected on a monthly basis and was found to be working.
- An affidavit dated September 15, 2015 was provided by the current property owner indicating that two hydraulic lifts (cylinders, outer casings, and associated piping, pumps, and tanks) in the small garage were removed prior to their acquisition of the property in 1994 and that there was never any evidence of subsurface contamination prior to re-cementing the area.

The additional documentation has been included in **Appendix E**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

PWGC performed a Phase II ESA at 60 Alexander Street in Yonkers, NY to further investigate RECs identified in a June 2015 Phase I ESA prepared by PWGC. The scope of work included a geophysical survey, the installation of borings and the collection and analysis of soil and groundwater samples, the inspection of potential leaching structures, and the inspection of floor drains, a sump, and an oil water separator.

The geophysical survey identified one metallic anomaly that may be consistent with a UST in the southeast section of the property. A soil and groundwater boring conducted immediately down-gradient of this anomaly did not indicate the presence of any contamination. The geophysical survey also located copper supply line piping at the southern wall of the small garage and it was traced to just outside of the wall, but could not be traced any further due to interference. No other anomalies were identified within accessible areas of the site; however, the geophysical survey was limited in depth due to the conductive nature of the soil and reinforced concrete at the site.

The subsurface investigation revealed the presence of historic fill from grade to at least 15 feet below grade. Analytical results indicated elevated concentrations of SVOCs, metals, and pesticides in two of the soil samples. Several SVOCs and metals exceeded Restricted Residential Use SCOs and some exceeded Industrial Use SCOs. If the property is to be redeveloped in the future, special handling and disposal of the soil will be required based upon the analytical results to meet the standards of the new development. The subsurface investigation also revealed evidence of groundwater contamination in the southwestern section of the site. A source of the contamination has not been identified; however, based upon the likely groundwater flow direction at the site towards the west and the Hudson River, an on-site source cannot be ruled out. As a result of the groundwater contamination identified at the property, PWGC called the NYSDEC Spills Hotline as required by law, to report the spill. Spill # 15-04923 has been opened. Soil borings placed in the vicinity of the former hydraulic lifts did not reveal evidence of hydraulic oil impact and the hydraulic lifts were reportedly removed around 1994 and no evidence of contamination was reported.

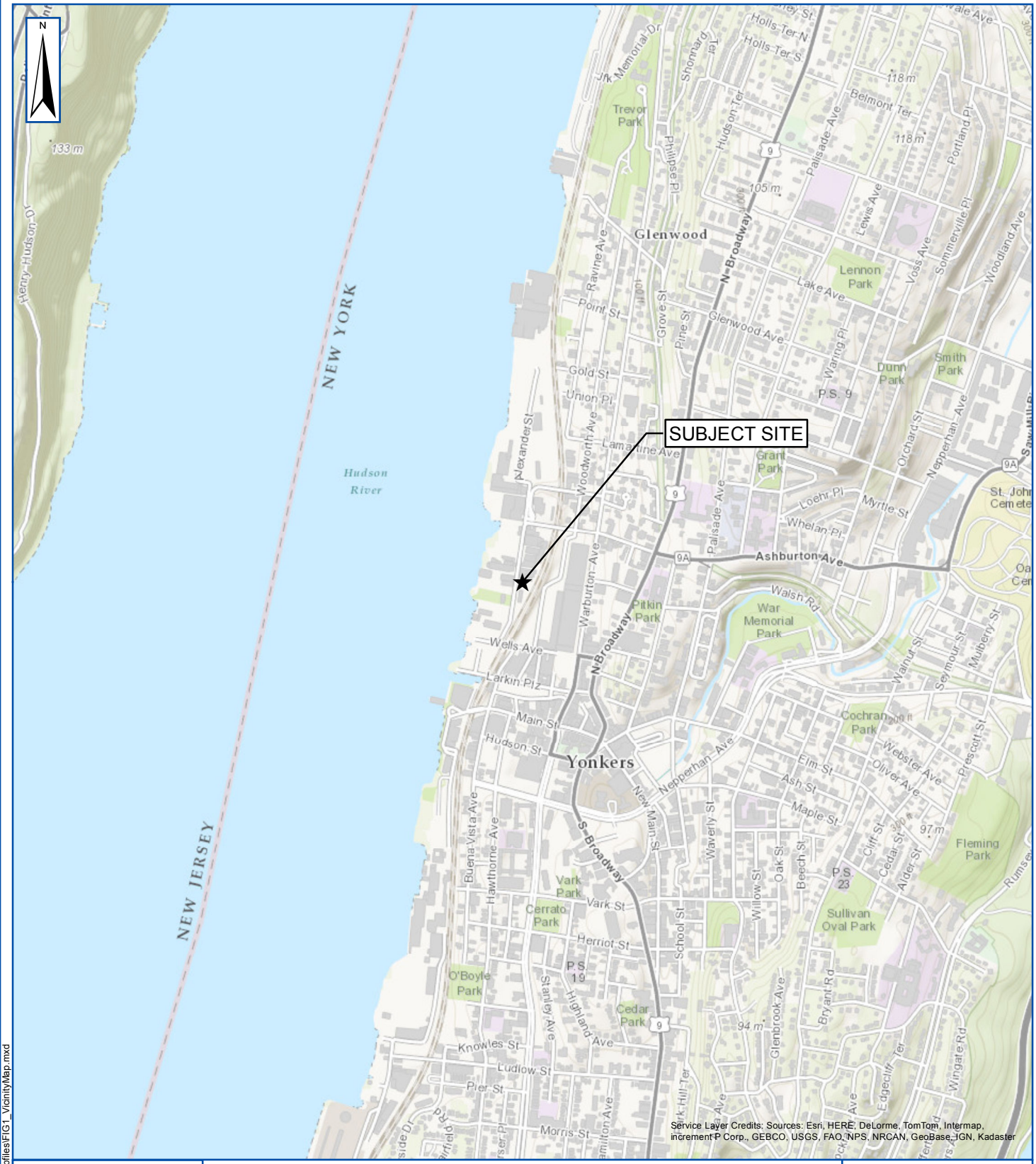
The UIC investigation revealed that the manhole covers located in the eastern section of the parking lot are likely related to a large underground drainage structure as the geophysical survey identified a large concrete anomaly from the location of the property easement to the south property boundary. This drainage structure is likely operated / maintained by Westchester County. The floor drains observed in the large garage were confirmed to drain to the oil water separator. The exterior drain located between the large garage and small garage was determined to drain to the sump. The drainage locations of the sump and oil water separator could not be

confirmed; however, based upon the site configuration and the presence of sanitary sewer connections at the property, these structures are likely connected to the municipal sewer system. Two floor drains, a roof drain, and the sewer main (storm) were inspected by J.D.M. Maintenance, Inc. It was reported that all drains ran through the storm main trap to the municipal storm water system.

Based upon the results of the Phase II ESA, PWGC makes the following recommendations:

- As per the WCDH's request following the opening of Spill # 15-04923, three permanent monitoring wells should be installed, developed, surveyed, and sampled for VOCs and SVOCs.

FIGURES



SUBJECT SITE VICINITY

60 Alexander st.
Yonkers, NY

0 ¼ ½ ¾ 1 Miles

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Project:	GLO1502
Date:	6/15/2015
Designed by:	JLL
Drawn by:	UC
Approved by:	JLL
Figure No:	1

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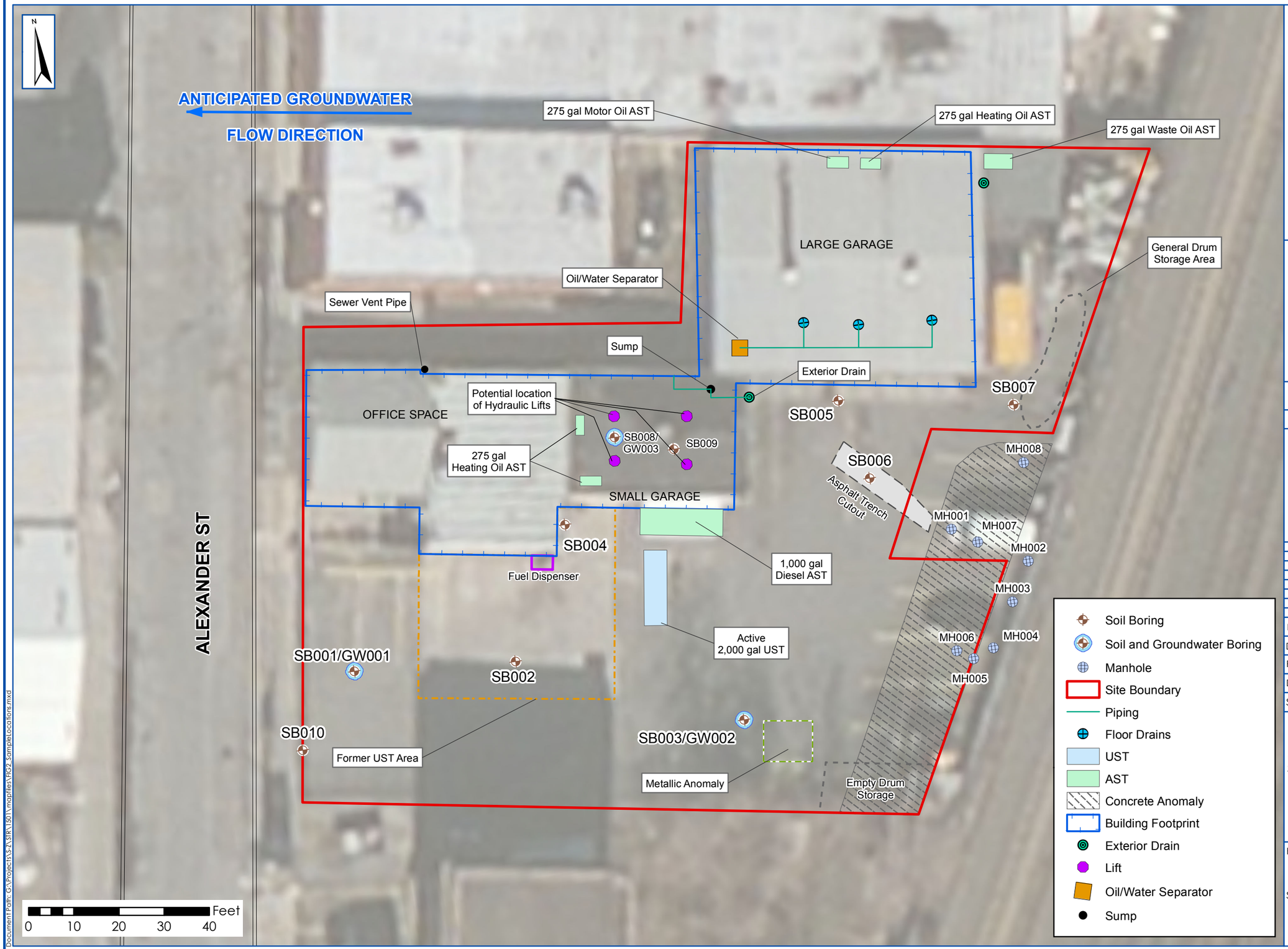

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DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	STR1501	Designed by:	JLL
Date:	8/7/2015	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	JLL

SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:
2

SHEET:

TABLES

Table 1
Soil Sample Analytical VOC Data

60 Alexander Street, Yonkers, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Commercial Use	SB001 5-7.5' L1517155-01 42208		SB003 4-6' L1517155-02 42208		SB007 0-2.5' L1517155-03 42208	
Volatile Organic Compounds (mg/kg)									
1,1,1,2-Tetrachloroethane	NS	NS	NS	0.5	U	0.0004	U	0.00019	U
1,1,1-Trichloroethane	0.68	100	1000	0.17	U	0.00014	U	0.00007	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.16	U	0.00013	U	0.00006	U
1,1,2-Trichloroethane	NS	NS	NS	0.48	U	0.00038	U	0.00018	U
1,1-Dichloroethane	0.27	26	480	0.14	U	0.00011	U	0.00005	U
1,1-Dichloroethylene	0.33	100	1,000	0.41	U	0.00033	U	0.00015	U
1,1-Dichloropropene	NS	NS	NS	0.22	U	0.00018	U	0.00008	U
1,2,3-Trichlorobenzene	NS	NS	NS	0.23	U	0.00018	U	0.00009	U
1,2,3-Trichloropropane	NS	NS	NS	0.26	U	0.0002	U	0.0001	U
1,2,4,5-Tetramethylbenzene	NS	NS	NS	16		0.00016	U	0.00008	U
1,2,4-Trichlorobenzene	NS	NS	NS	0.29	U	0.00023	U	0.00011	U
1,2,4-Trimethylbenzene	3.6	52	380	1.8	J	0.00018	U	0.00008	U
1,2-Dibromo-3-chloropropane	NS	NS	NS	0.62	U	0.0005	U	0.00023	U
1,2-Dibromoethane	NS	NS	NS	0.28	U	0.00022	U	0.0001	U
1,2-Dichlorobenzene	1.1	100	1000	0.24	U	0.00019	U	0.00009	U
1,2-Dichloroethane	0.02	3.1	60	0.18	U	0.00014	U	0.00007	U
1,2-Dichloroethene, Total	NS	NS	NS	0.22	U	0.00018	U	0.0005	J
1,2-Dichloropropane	NS	NS	NS	0.36	U	0.00029	U	0.00013	U
1,3,5-Trimethylbenzene	8.4	52	380	1.2	J	0.00018	U	0.00009	U
1,3-Dichlorobenzene	2.4	49	560	0.21	U	0.00017	U	0.00008	U
1,3-Dichloropropane	NS	NS	NS	0.23	U	0.00018	U	0.00009	U
1,3-Dichloropropene, Total	NS	NS	NS	0.18	U	0.00015	U	0.00007	U
1,4-Dichlorobenzene	1.8	13	250	0.22	U	0.00017	U	0.00008	U
1,4-Dioxane	0.1	13	250	23	U	0.018	U	0.0085	U
2,2-Dichloropropane	NS	NS	NS	0.36	U	0.00028	U	0.00013	U
2-Butanone	0.12	NS	NS	0.43	U	0.0032	J	0.0019	J
2-Hexanone	NS	NS	NS	1	U	0.00084	U	0.00039	U
4-Methyl-2-pentanone	NS	NS	NS	0.38	U	0.00031	U	0.00014	U
Acetone	0.1	100	1,000	1.6	U	0.069		0.0088	
Acrylonitrile	NS	NS	NS	0.81	U	0.00065	U	0.0003	U
Benzene	0.06	4.8	89	2.4		0.00015	U	0.00068	
Bromobenzene	NS	NS	NS	0.33	U	0.00026	U	0.00012	U
Bromochloromethane	NS	NS	NS	0.44	U	0.00035	U	0.00016	U
Bromodichloromethane	NS	NS	NS	0.27	U	0.00022	U	0.0001	U
Bromoform	NS	NS	NS	0.37	U	0.0003	U	0.00014	U
Bromomethane	NS	NS	NS	0.53	U	0.00042	U	0.0002	U
Carbon disulfide	NS	NS	NS	1.7	U	0.0014	U	0.00065	U
Carbon tetrachloride	0.76	2.4	44.0	0.33	U	0.00026	U	0.00012	U
Chlorobenzene	1.1	100	1000	0.55	U	0.00044	U	0.0002	U
Chloroethane	NS	NS	NS	0.5	U	0.0004	U	0.00019	U
Chloroform	0.37	49	700	0.58	U	0.00046	U	0.00022	U
Chloromethane	NS	NS	NS	0.46	U	0.00037	U	0.00017	U
cis-1,2-Dichloroethene	0.3	100	1000	0.22	U	0.00018	U	0.0005	J
cis-1,3-Dichloropropene	NS	NS	NS	0.18	U	0.00015	U	0.00007	U
Dibromochloromethane	NS	NS	NS	0.24	U	0.00019	U	0.00009	U
Dibromomethane	NS	NS	NS	0.26	U	0.0002	U	0.0001	U
Dichlorodifluoromethane	NS	NS	NS	0.3	U	0.00024	U	0.00011	U
Ethyl Ether	NS	NS	NS	0.41	U	0.00033	U	0.00015	U
Ethylbenzene	1	41	780	3.3		0.00016	U	0.00013	J
Hexachlorobutadiene	NS	NS	NS	0.36	U	0.00029	U	0.00013	U
Isopropylbenzene	2.3	NS	NS	26		0.00013	U	0.00006	U
Methyl tert butyl ether	0.93	100.0	1,000.0	0.13	U	0.00011	U	0.00005	U
Methylene chloride	0.05	100	1000	1.7	U	0.0014	U	0.00065	U
n-Butylbenzene	12	NS	NS	12		0.00014	U	0.00007	U
n-Propylbenzene	4	100	1,000	21		0.00014	U	0.00006	U
Naphthalene	12	NS	NS	0.22	U	0.00017	U	0.00008	U
o-Chlorotoluene	NS	NS	NS	0.25	U	0.0002	U	0.00009	U
o-Xylene	0.3	100	1000	1.4	J	0.00022	U	0.0001	U
p-Chlorotoluene	NS	NS	NS	0.21	U	0.00017	U	0.00008	U
p-Diethylbenzene	NS	NS	NS	7.1		0.0002	U	0.00009	U
p-Ethyltoluene	NS	NS	NS	6.8		0.00016	U	0.00007	U
p-Isopropyltoluene	10	NS	NS	4.6		0.00016	U	0.00007	U
p/m-Xylene	0.26	100	1000	11		0.00025	U	0.00037	J
Sec-Butylbenzene	11	100	1000	12		0.00015	U	0.00007	U
Styrene	NS	NS	NS	0.63	U	0.0005	U	0.00024	U
tert-Butylbenzene	NS	100	1000	0.21	U	0.00017	U	0.00008	U
Tetrachloroethene	1.3	19	300	0.22	U	0.00018	U	0.00089	
Toluene	0.7	100	1000	3.7		0.00036	J	0.0005	J
trans-1,2-Dichloroethene	0.19	100	1000	0.33	U	0.00027	U	0.00012	U
trans-1,3-Dichloropropene	NS	NS	NS	0.19	U	0.00015	U	0.00007	U
trans-1,4-Dichloro-2-butene	NS	NS	NS	0.62	U	0.00049	U	0.00023	U
Trichloroethene	0.47	21	400	0.2	U	0.00016	U	0.00054	J
Trichlorofluoromethane	NS	NS	NS	0.61	U	0.00049	U	0.00023	U
Vinyl acetate	NS	NS	NS	0.21	U	0.00017	U	0.00008	U
Vinyl chloride	0.02	0.9	27	0.18	U	0.00015	U	0.00007	U
Xylene, Total	0.26	100	1000	12	J	0.00022	U	0.00037	J

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of h
rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

f - protection of ecological resources SCOs were not deveoped for contaminants identified in Table 375-6.8(b) with "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06

a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

e - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

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NA - Not Analyzed

NS - No Standard

B - Compound was found in the blank and sample

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JN - Indicates an estimated value for TICs

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Industrial Use SCO

Table 2
Soil Sample Analytical SVOC Data

60 Alexander Street, Yonkers, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Commercial Use	SB001 5-7.5' L1517155-01 42208		SB003 4-6' L1517155-02 42208		SB007 0-2.5' L1517155-03 42208	
Semi-Volatile Organic Compounds (mg/kg)									
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.59	U	0.054	U	0.28	U
1,2,4-Trichlorobenzene	NS	NS	NS	0.62	U	0.057	U	0.3	U
1,2-Dichlorobenzene	NS	NS	NS	0.62	U	0.058	U	0.3	U
1,3-Dichlorobenzene	NS	NS	NS	0.6	U	0.055	U	0.29	U
1,4-Dichlorobenzene	NS	NS	NS	0.58	U	0.053	U	0.28	U
2,4,5-Trichlorophenol	NS	NS	NS	0.62	U	0.057	U	0.3	U
2,4,6-Trichlorophenol	NS	NS	NS	0.36	U	0.033	U	0.17	U
2,4-Dichlorophenol	NS	NS	NS	0.62	U	0.057	U	0.3	U
2,4-Dimethylphenol	NS	NS	NS	0.57	U	0.052	U	0.27	U
2,4-Dinitrophenol	NS	NS	NS	2.6	U	0.24	U	1.2	U
2,4-Dinitrotoluene	NS	NS	NS	0.41	U	0.038	U	0.2	U
2,6-Dinitrotoluene	NS	NS	NS	0.49	U	0.045	U	0.23	U
2-Chloronaphthalene	NS	NS	NS	0.62	U	0.057	U	0.3	U
2-Chlorophenol	NS	NS	NS	0.57	U	0.053	U	0.28	U
2-Methylnaphthalene	NS	NS	NS	1.7	J	0.056	U	0.48	J
2-Methylphenol	0.33	100	1000	0.61	U	0.056	U	0.29	U
2-Nitroaniline	NS	NS	NS	0.54	U	0.049	U	0.26	U
2-Nitrophenol	NS	NS	NS	0.59	U	0.055	U	0.28	U
3,3'-Dichlorobenzidine	NS	NS	NS	0.5	U	0.047	U	0.24	U
3-Methylphenol/4-Methylphenol	0.33	100	1000	0.62	U	0.058	U	0.3	U
3-Nitroaniline	NS	NS	NS	0.52	U	0.048	U	0.25	U
4,6-Dinitro-o-cresol	NS	NS	NS	0.7	U	0.064	U	0.34	U
4-Bromophenyl phenyl ether	NS	NS	NS	0.44	U	0.04	U	0.21	U
4-Chloroaniline	NS	NS	NS	0.5	U	0.046	U	0.24	U
4-Chlorophenyl phenyl ether	NS	NS	NS	0.58	U	0.053	U	0.28	U
4-Nitroaniline	NS	NS	NS	0.51	U	0.047	U	0.25	U
4-Nitrophenol	NS	NS	NS	0.62	U	0.057	U	0.3	U
Acenaphthene	20	100	1000	0.39	U	0.036	U	0.44	J
Acenaphthylene	100	100	1000	0.36	U	0.033	U	2.9	
Acetophenone	NS	NS	NS	0.59	U	0.054	U	0.28	U
Anthracene	100	100	1000	0.32	U	0.029	U	4.6	
Benzo(a)anthracene	1	1	11	0.37	U	0.034	U	7	
Benzo(a)pyrene	1	1	1.1	0.46	U	0.089	J	5	
Benzo(b)fluoranthene	1	1	11	0.38	U	0.092	J	5.6	
Benzo(ghi)perylene	100	100	1000	0.4	U	0.065	J	3.5	
Benzo(k)fluoranthene	0.8	3.9	110	0.36	U	0.033	U	2.1	
Benzoic Acid	NS	NS	NS	1.9	U	0.18	U	0.93	U
Benzyl Alcohol	NS	NS	NS	0.58	U	0.054	U	0.28	U
Biphenyl	NS	NS	NS	0.63	U	0.058	U	0.3	U
Bis(2-chloroethoxy)methane	NS	NS	NS	0.58	U	0.053	U	0.28	U
Bis(2-chloroethyl)ether	NS	NS	NS	0.53	U	0.049	U	0.26	U
Bis(2-chloroisopropyl)ether	NS	NS	NS	0.67	U	0.062	U	0.32	U
Bis(2-Ethylhexyl)phthalate	NS	NS	NS	0.5	U	0.046	U	0.24	U
Butyl benzyl phthalate	NS	NS	NS	0.37	U	0.034	U	0.18	U
Carbazole	NS	NS	NS	0.41	U	0.038	U	0.36	J
Chrysene	1	3.9	110	0.37	U	0.034	U	6.1	
Di-n-butylphthalate	NS	NS	NS	0.37	U	0.034	U	0.18	U
Di-n-octylphthalate	NS	NS	NS	0.47	U	0.043	U	0.22	U
Dibenzo(a,h)anthracene	0.33	0.33	1.1	0.37	U	0.034	U	0.9	
Dibenzofuran	NS	NS	NS	0.63	U	0.058	U	0.64	J
Diethyl phthalate	NS	NS	NS	0.4	U	0.037	U	0.19	U
Dimethyl phthalate	NS	NS	NS	0.48	U	0.044	U	0.23	U
Fluoranthene	100	100	1000	0.43	J	0.034	J	13	
Fluorene	30	100	1000	0.54	U	0.05	U	2	
Hexachlorobenzene	NS	NS	NS	0.35	U	0.033	U	0.17	U
Hexachlorobutadiene	NS	NS	NS	0.54	U	0.049	U	0.26	U
Hexachlorocyclopentadiene	NS	NS	NS	1.2	U	0.11	U	0.59	U
Hexachloroethane	NS	NS	NS	0.34	U	0.032	U	0.17	U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	11	0.42	U	0.11	J	3.4	
Isophorone	NS	NS	NS	0.5	U	0.047	U	0.24	U
n-Nitrosodi-n-propylamine	NS	NS	NS	0.57	U	0.052	U	0.27	U
Naphthalene	12	NS	NS	4.2		0.058	U	0.43	J
Nitrobenzene	NS	15	140	0.45	U	0.042	U	0.22	U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	NS	0.4	U	0.037	U	0.19	U
P-Chloro-M-Cresol	NS	NS	NS	0.55	U	0.051	U	0.26	U
Pentachlorophenol	NS	6.7	55	0.41	U	0.038	U	0.2	U
Phenanthrene	100	100	1000	0.65	J	0.034	U	14	
Phenol	0.33	100	1000	0.56	U	0.052	U	0.27	U
Pyrene	100	100	1000	0.42	J	0.034	U	15	

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

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Table 3
Soil Sample Analytical Metals Data

60 Alexander Street, Yonkers, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Commercial Use	SB001 5-7.5' L1517155-01 7/23/2015	SB003 4-6' L1517155-02 7/23/2015	SB007 0-2.5' L1517155-03 7/23/2015
Total Metals (mg/kg)						
Aluminum, Total	NS	NS	NS	2,600	7,200	6,200
Antimony, Total	NS	NS	NS	0.72 U	0.76 J	1.4 J
Arsenic, Total	13	16	16	2.7	22	4.8
Barium, Total	350	400	10,000	28	31	68
Beryllium, Total	7.2	72	2,700	0.16 J	0.27 J	0.24 J
Cadmium, Total	2.5	4.3	60	0.06 U	0.06 U	0.06 U
Calcium, Total	NS	NS	NS	2,500	3,300	3,500
Chromium, Total	30	180	6,800	6.1	24	14
Cobalt, Total	NS	NS	NS	4.4	13	5.6
Copper, Total	50	270	10,000	35	88	850
Iron, Total	NS	NS	NS	14,000	45,000	15,000
Lead, Total	63	400	3,900	24	49.0	160.0
Magnesium, Total	NS	NS	NS	1,100	2,500	2,500
Manganese, Total	1,600	2,000	10,000	180	800	170
Mercury, Total	0.18	0.81	5.7	0.05 J	0.08	2.9
Nickel, Total	30	310	10,000	8.5	22	18
Potassium, Total	NS	NS	NS	330	340	680
Selenium, Total	3.9	180	6,800	0.27 U	0.25 U	0.31 J
Silver, Total	2	180	6,800	0.180 U	0.2 U	0.2 U
Sodium, Total	NS	NS	NS	120 J	84 J	170 J
Thallium, Total	NS	NS	NS	0.36 U	0.33 U	0.36 U
Vanadium, Total	NS	NS	NS	11	36	20
Zinc, Total	109	10,000	10,000	31	130.0	330.0

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

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Table 4
Soil Sample Analytical Pesticides and PCBs Data

60Alexander Street, Yonkers, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Commercial Use	SB001 5-7.5' L1517155-01 7/23/2015		SB003 4-6' L1517155-02 7/23/2015		SB007 0-2.5' L1517155-03 7/23/2015	
Organochlorine Pesticides (mg/kg)									
4,4'-DDD	0.0033	13	180	0.000656	U	0.000606	U	0.000633	U
4,4'-DDE	0.0033	8.9	120	0.000426	U	0.000393	U	0.00041	U
4,4'-DDT	0.0033	7.9	94	0.00148	U	0.00137	U	0.00143	U
Aldrin	0.005	0.097	1.4	0.000648	U	0.000598	U	0.00822	
Alpha-BHC	0.02	0.48	6.8	0.000218	U	0.000201	U	0.00021	U
Beta-BHC	0.036	0.4	14	0.000698	U	0.000644	U	0.000673	U
Chlordane	0.094	4.2	47	0.0061	U	1.48		0.00588	U
cis-Chlordane	0.094	4.2	47	0.000641	U	0.000592	U	0.000618	U
Delta-BHC	0.04	100	1000	0.00036	U	0.000333	U	0.000348	U
Dieldrin	0.005	0.2	2.8	0.000575	U	0.000531	U	0.000555	U
Endosulfan I	2.4	24	920	0.000435	U	0.000402	U	0.000419	U
Endosulfan II	2.4	24	920	0.000615	U	0.000568	U	0.000593	U
Endosulfan sulfated	2.4	24	920	0.000903		0.000337	U	0.0208	
Endrin	0.014	11	410	0.000314	U	0.00029	U	0.0134	
Endrin ketone	NS	NS	NS	0.000474	U	0.000438	U	0.0627	
Heptachlor	0.042	2.1	29	0.000412	U	0.000381	U	0.000398	U
Heptachlor epoxide	NS	NS	NS	0.00104	U	0.000956	U	0.00464	
Lindane	0.1	1.3	23	0.000343	U	0.000317	U	0.00033	U
Methoxychlor	NS	NS	NS	0.00107	U	0.000992	U	0.00104	U
Toxaphene	NS	NS	NS	0.00966	U	0.00892	U	0.00932	U
trans-Chlordane	0.094	4.2	47	0.00061	U	0.000561	U	0.000586	U
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	0.1	1	25,000	0.00292	U	0.00274	U	0.00291	U
Aroclor 1221	0.1	1	25,000	0.0034	U	0.0032	U	0.0034	U
Aroclor 1232	0.1	1	25,000	0.00433	U	0.00407	U	0.00432	U
Aroclor 1242	0.1	1	25,000	0.00452	U	0.00425	U	0.00451	U
Aroclor 1248	0.1	1	25,000	0.00312	U	0.00293	U	0.00311	U
Aroclor 1254	0.1	1	25,000	0.00304	U	0.00285	U	0.0382	
Aroclor 1260	0.1	1	25,000	0.00281	U	0.00265	U	0.0582	
Aroclor 1262	0.1	1	25,000	0.00183	U	0.00172	U	0.00183	U
Aroclor 1268	0.1	1	25,000	0.00536	U	0.00504	U	0.00534	U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

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Table 5
Soil Analytical Data Summary
VOC and SVOC CP-51 Data

60 Alexander Street, Yonkers, NY

Client Sample ID:	NYSDEC (1)	SB002	SB004	SB005	SB006	SB008	SB009	SB010
Sampel Depth:	CP-51	2.5 - 5	2.5 - 5	2.5 - 5	0 - 2.5	5 - 7.5	0 - 2.5	5 - 7.5
Laboratory ID:	Soil Cleanup	L1517161-01	L1517161-02	L1517161-03	L1517161-04	L1517161-05	L1517161-06	L1517161-07
Sampling Date:	Guidance	7/23/2015	7/23/2015	7/23/2015	7/23/2015	7/23/2015	7/23/2015	7/23/2015
Volatile Organic Compounds (mg/kg)								
1,2,4-Trimethylbenzene	3.6	0.00012 U	0.65 J	0.042 J	0.00015 U	0.01 U	0.022 J	0.0002 U
1,3,5-Trimethylbenzene	8.4	0.00012 U	0.084 U	0.22 J	0.00015 U	0.011 U	0.0097 U	0.0002 U
Benzene	0.06	0.0001 U	0.069 U	0.24	0.00047 J	0.0087 U	0.031 J	0.00016 U
Ethylbenzene	1.0	0.00011 U	0.075 U	0.09 J	0.00013 U	0.0094 U	0.022 J	0.00018 U
Isopropylbenzene	2.3	0.00009 U	0.061 U	0.014 U	0.00011 U	0.0077 U	0.007 U	0.00014 U
Methyl tert butyl ether	0.93	0.00007 U	0.049 U	0.011 U	0.00009 U	0.0062 U	0.0057 U	0.00012 U
n-Butylbenzene	12	0.0001 U	0.4 J	0.049 J	0.00012 U	0.0085 U	0.0077 U	0.00016 U
n-Propylbenzene	3.9	0.00009 U	0.064 U	0.014 U	0.00011 U	0.0081 U	0.0074 U	0.00015 U
Naphthalene	12	0.00018 J	22	0.078 J	0.00014 U	0.035 J	0.022 J	0.00019 U
o-Xylene	0.26	0.00015 U	0.1 U	0.036 J	0.00018 U	0.017 J	0.027 J	0.00024 U
p-Isopropyltoluene	10	0.00011 U	0.073 U	0.017 U	0.00013 U	0.0092 U	0.0084 U	0.00017 U
p/m-Xylene	0.26	0.00017 U	0.12 U	0.13 J	0.00021 U	0.04 J	0.052 J	0.00027 U
sec-Butylbenzene	11	0.0001 U	0.071 U	0.036 J	0.00013 U	0.009 U	0.0082 U	0.00017 U
tert-Butylbenzene	5.9	0.00012 U	0.079 U	0.018 U	0.00014 U	0.01 U	0.0091 U	0.0017 J
Toluene	0.7	0.00017 U	0.11 U	0.1 J	0.00029 J	0.038 J	0.067 J	0.00027 U
Semi-Volatile Organic Compounds (mg/kg)								
Acenaphthene	20	0.083 U	0.69	0.037 U	0.2 U	0.079 U	0.037 U	0.19
Acenaphthylene	100	0.084 J	0.069 U	0.033 U	0.31 J	0.072 U	0.034 U	0.083 J
Anthracene	100	0.094 J	2.1	0.03 U	0.22 J	0.12 J	0.03 U	0.34
Benzo(a)anthracene	1	0.1 J	4.2	0.064 J	0.36 J	0.49	0.075 J	0.84
Benzo(a)pyrene	1	0.23 J	2.8	0.12 J	0.77 J	0.52	0.13 J	0.68
Benzo(b)fluoranthene	1	0.25	3.7	0.13	0.81	0.55	0.15	0.79
Benzo(ghi)perylene	100	0.28 J	1.7	0.083 J	0.64 J	0.36	0.086 J	0.41
Benzo(k)fluoranthene	0.8	0.077 U	1.7	0.034 U	0.18 U	0.21 J	0.038 J	0.29
Chrysene	1	0.13 J	4	0.073 J	0.38 J	0.46	0.09 J	0.78
Dibenzo(a,h)anthracene	0.33	0.078 U	0.57	0.034 U	0.4 J	0.17 J	0.035 U	0.15
Fluoranthene	100	0.14 J	9	0.11	0.43 J	0.88	0.093 J	1.7
Fluorene	30	0.12 U	1.4	0.051 U	0.28 U	0.11 U	0.052 U	0.19 J
Indeno(1,2,3-cd)pyrene	0.5	0.28 J	1.9	0.13 J	0.8	0.45	0.13 J	0.46
Naphthalene	12	0.24 J	11	0.059 U	0.32 U	0.13 U	0.06 U	0.41
Phenanthrene	100	0.17 J	8.7	0.086 J	0.21 J	0.5	0.058 J	1.3
Pyrene	100	0.078 U	7	0.095 J	0.69	0.79	0.083 J	1.4

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06

a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

e - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

f - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

(1) NYSDEC Final Commissioner Policy, CP-51 - Table 3: Soil Cleanup Levels for Fuel Oil Contaminated Soil

NA - Not Analyzed

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Highlighted text denotes concentrations exceeding NYSDEC CP-51 SCO

Table 6

Groundwater Analytical VOC and SVOC CP-51 Data

60 Alexander Street, Yonkers, NY

Client Sample ID:	NYSDEC (1)	GW001		GW002		GW003	
Laboratory ID:	GQS	L1517161-08		L1517161-09		L1517161-10	
Sampling Date:		7/23/2015		7/23/2015		7/23/2015	
Volatile Organic Compounds by 8260 (STARS list) - µg/L							
1,2,4-Trimethylbenzene	5	7	U	0.7	U	0.7	U
1,3,5-Trimethylbenzene	5	7	U	0.7	U	0.7	U
Benzene	1	22		0.16	U	0.23	J
Ethylbenzene	5	7	U	0.7	U	0.7	U
Isopropylbenzene	5	100		0.7	U	0.7	U
MTBE	10	7	U	0.7	U	0.7	U
n-Butylbenzene	5	18	J	0.7	U	0.7	U
n-Propylbenzene	5	57		0.7	U	0.7	U
Naphthalene	10	7	U	1	J	0.7	U
o-Xylene	5	8.3	J	0.7	U	0.7	U
p-Isopropyltoluene	5	10	J	0.7	U	0.7	U
p/m-Xylene	5	45		0.7	U	0.7	U
sec-Butylbenzene	5	27		0.7	U	0.7	U
tert-Butylbenzene	5	12	J	0.7	U	0.7	U
Toluene	5	11	J	0.7	U	0.7	U
Semi-volatile Organic Compounds - ug/L							
Acenaphthene	20	0.32		0.04	U	0.26	
Acenaphthylene	NS	0.04	U	0.04	U	0.04	U
Anthracene	50	0.12	J	0.04	U	0.1	J
Benz(a)anthracene	0.002	0.09	J	0.02	U	0.09	J
Benzo(a)pyrene	ND	0.09	J	0.06	J	0.11	J
Benzo(b)fluoranthene	0.002	0.09	J	0.02	U	0.14	J
Benzo(g,h,i)perylene	NS	0.04	U	0.04	U	0.07	J
Benzo(k)fluoranthene	0.002	0.04	U	0.04	U	0.05	J
Chrysene	0.002	0.09	J	0.04	U	0.11	J
Dibenz(a,h)anthracene	NS	0.04	U	0.04	U	0.04	U
Fluoranthene	50	0.4		0.07	J	0.2	
Fluorene	50	0.17	J	0.04	U	0.04	U
Indeno(1,2,3-cd)pyrene	0.002	0.04	U	0.04	U	0.07	J
Naphthalene	10	0.04	U	0.04	U	0.18	J
Phenanthrene	50	0.56		0.02	U	0.25	
Pyrene	50	0.36		0.07	J	0.18	J

Notes:

(1) 6NYCRR Part 703.5 GA Groundwater Quality Standards (GQS) and Guidance Values (GV) 6/1998

NS - No Standard

ND - Not detectable concentration

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Highlighted values indicate exceedance of the NYSDEC GQS.

APPENDIX A
SITE PHOTOGRAPHS

The metallic anomaly located in the southeastern portion of the property.

The geophysical survey marked out the large concrete anomaly which encompassed the manhole covers in the eastern portion of the site.

One of the manholes with the cover removed. Another cover was located beneath the soil.

Inside the oil water separator

Piping from the three floor drains in the large garage was traced to the oil water separator

APPENDIX B
GEOPHYSICAL REPORT

DELTA Geophysics Inc.

GEOPHYSICAL INVESTIGATION REPORT

SITE LOCATION:

60 Alexander Street,
Yonkers, New York

PREPARED FOR:

PW Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, New York

PREPARED BY:

Mike Mesaros
Delta Geophysics Inc.
738 Front Street
Catasauqua, PA 18032

July 29, 2015

Delta Geophysics, Inc. (Delta) is pleased to provide the results of the geophysical survey conducted at 60 Alexander Street, Yonkers, New York.

1.0 INTRODUCTION

On July 22nd, 2015 Delta Geophysics personnel performed a limited geophysical investigation at 60 Alexander Street, Yonkers, New York. The area of interest was all accessible areas throughout the property, including the interior of two onsite service garages. Subsurface conditions were unknown at the time of survey.

2.0 SCOPE OF WORK

The survey was conducted to investigate the subsurface for anomalies consistent with underground storage tanks (UST). A secondary objective was to locate and mark detectable underground utilities for the property.

3.0 METHODOLOGY

Selection of survey equipment is dependent site conditions and project objectives. For this project the technician utilized the following equipment to survey the area of concern:

- Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna.
- Radiodetection RD7000 precision utility locator.
- Fisher M-Scope TW-6 pipe and cable locator.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 1,000 MHz) to acquire subsurface information. Energy is propagated downward into the ground and is reflected back to the surface from boundaries at which there are electrical property contrasts. GPR is a method that is commonly used for environmental, engineering, archeological, and other shallow investigations.

The GSSI SIR-3000 GPR can accept a wide variety of antennas which provide various depths of penetration and levels of resolution. The 400 MHz antenna can achieve depths of penetration up to about 20 feet, but this depth may be greatly reduced due to site-specific conditions. Signal penetration decreases with increased soil conductivity. Conductive materials attenuate or absorb the GPR signal. As depth increases the return signal becomes weaker. Penetration is the greatest in unsaturated sands and fine gravels. Clayey, highly saline or saturated soils, areas covered by steel reinforced concrete, foundry slag, of other highly conductive materials significantly reduces GPR depth of penetration.

The GPR was configured to transmit to a depth of approximately 10 feet below the subsurface, but actual signal penetration terminated at approximately 1-3 feet below ground surface (bgs). The limiting factor was signal attenuation from near surface soils and reinforced concrete.

The RD7000 precision utility locator uses radio emission to trace the location of metal bearing utilities. This radio emission can be active or passive. Active tracing requires the attachment of a

radio transmitter to the utility, passive tracing uses radio emissions that are present on the utility. Underground electrical utilities typically emit radio signals that this device can detect.

The TW-6 is designed to find pipes, cables and other metallic objects such as underground storage tanks. One surveyor can carry both the transmitter and receiver together, making it ideally suited for exploration type searches of ferrous metal masses. Metal detectors of this type operate by generating a magnetic field at the transmitter which causes metallic objects in the subsurface to generate a secondary magnetic field. The induced secondary field is detected by the receiver, which generates an audible tone equal to the strength of the secondary field.

4.0 SURVEY FINDINGS

All accessible areas throughout the property were examined during this investigation. Each location was examined with the RD7000 for potential subsurface utilities then surveyed with GPR and TW-6 for other potential anomalies. Based on the data gathered, one metallic anomaly was detected on the subject property.

Metallic Anomaly

The metallic anomaly was located with TW-6 and confirmed with GPR. The anomaly measures approximately 9 feet by 6.5 feet. It is located in the southeast portion of the parking lot approximately 13 feet from the fence. GPR transects over this area imaged a cylindrical feature at 3 feet bgs. The metallic anomaly is a potential UST.

Delta observed two suspect copper lines protruding from the ground in the service garage of the original building. The area surrounding the lines was full of automotive parts and equipment and was not able to be surveyed for potential anomalies. A faint signal was detected with the RD 7000 immediately outside the building adjacent to the suspect lines. The entire area contains reinforced concrete which limited the use of both the TW-6 and GPR. GPR signal penetration throughout the area terminated at less than 1 foot bgs.

Utility Survey

Delta performed a utility survey across the client specified area. The following utilities were identified: electrical conduits, water, storm sewer, sanitary sewer, and product piping. All utilities were marked onsite with appropriate colors. Anomalous features, product lines, and unknown utilities were marked onsite in pink paint.

The floor drains located in the large service garage were traced to the oil / water separator. Due to limited space around the oil / water separator Delta was not able to detect an outlet sewer line.

A site map (072215) is included with all located subsurface features.

5.0 SURVEY LIMITATIONS

GPR depth of penetration was limited to approximately 1-3 feet bgs. The limiting factor was due to conductive soils and reinforced concrete. Parked vehicles and automotive parts / debris were located in the northeast portion of the property which prevented Delta from surveying the area for potential anomalies.

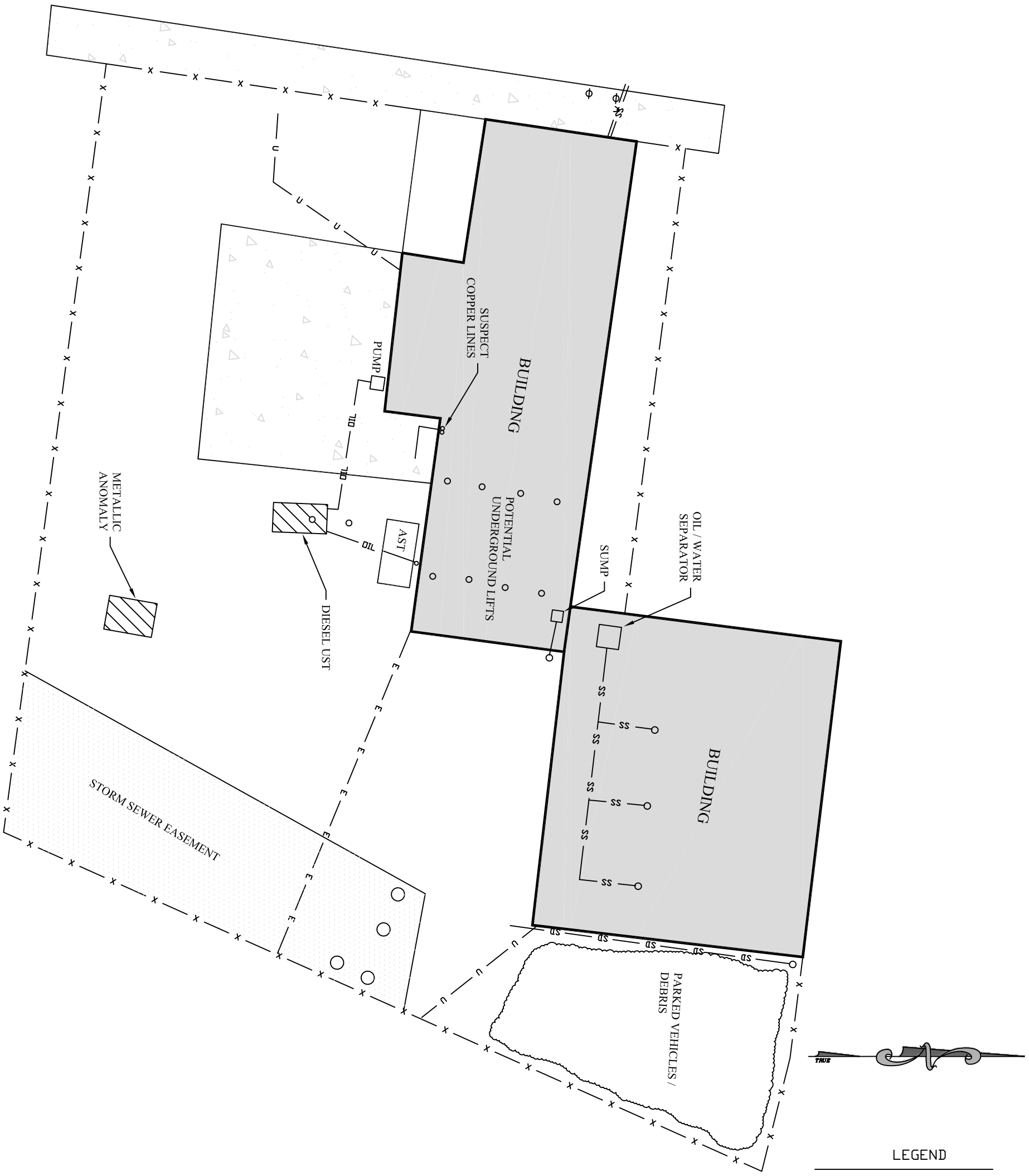
6.0 WARRANTIES AND DISCLAIMER

As with any geophysical method, it must be stressed that caution be used during any excavation or intrusive testing in proximity to any anomalies indicated in this report. In addition, the absence of detected signatures does not preclude the possibility that targets may exist. To the extent the client desires more definitive conclusions than are warranted by the currently available facts; it is specifically Delta's intent that the conclusions stated herein will be intended as guidance.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limit or scope of work, budget and schedule. Delta represents that the services were performed in a manner consistent with currently accepted professional practices employed by geophysical/geological consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

This report was prepared pursuant to the contract Delta has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Delta and its client and serves as the basis upon which this report was prepared. Because of the importance of the understandings between Delta and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Delta.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Delta's contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.



NOTES:

This site plan was produced from data positioned by differential GPS measurments collected in the field. Due to the errors normally present in DGPS data, this document is not intended or represented to be of survey precision. Caution should be used in all field measurments based on this site plan.

As with any geophysical method, it must be stressed that caution be used during any excavation or intrusive testing in proximity of any anomalies indicated in this document The absence of detected signatures does not preclude the possibility that targets exist. The geophysical data and results presented in this site plan are based upon the application of scientific principles and professional judgements to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.

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0 10 20 40 60

GRAPHIC SCALE IN FEET

LEGEND

- VALVE/DRAIN COVER
- MANHOLE COVER
- UTILITY POLE
- LIGHT POLE
- FIRE HYDRANT
- E — ELECTRIC
- G — GAS
- T — TELECOMMUNICATION
- SD — STORM SEWER
- SS — SANITARY SEWER
- W — WATER
- U — UNKNOWN UTILITY
- X — FENCE

DATE	7/22/15
SCALE	1'' = 20'
DWG NO.	072215
SHT NO.	1 OF 1
PROJECT.	

GEOPHYSICAL INVESTIGATION
60 ALEXANDER STREET, YONKERS, NEW YORK
FOR
PW GROSSER

DELTA Geophysics Inc.
738 Front Street, Catasauqua, PA 18032
Phone: (610) 231-3701

APPENDIX C
SOIL BORING LOGS

P.W. GROSSER CONSULTING

Boring Designation:	SB001	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	7:30	**Completion Time:**	8:00
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil, Petrol odor from 5-10'.	98.6 ppm
								187 ppm
5	5	3.0						1,244 ppm
								1,806 ppm
10	5	3.0				Wet		59.3 ppm
								10.1 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB002	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	8:10	**Completion Time:**	8:40
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	0.0 ppm
								52.8 ppm
5	5	2.0						0.0 ppm
								0.0 ppm
10	5	2.0				Wet		21.3 ppm
								1.3 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB003	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	8:50	**Completion Time:**	9:20
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	0.0 ppm
								0.0 ppm
5	5	2.5						0.0 ppm
								0.0 ppm
10	5	2.5				Wet		21.3 ppm
								1.3 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB004	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	9:30	**Completion Time:**	10:00
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	0.0 ppm
								62.1 ppm
5	5	3.0						43.7 ppm
								22.1 ppm
10	5	2.5				Wet		15.3 ppm
								5.3 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB005	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	10:10	**Completion Time:**	10:40
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	19.6 ppm
								29.1 ppm
5	5	3.0						27.7 ppm
								47.1 ppm
10	5	2.5				Wet		2.7 ppm
								0.0 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB006	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	10:50	**Completion Time:**	11:20
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	17.5 ppm
								5.7 ppm
5	5	3.0						0.0 ppm
								38.2 ppm
10	5	2.5				Wet		4.8 ppm
								0.0 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB007	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	11:30	**Completion Time:**	12:00
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	12.5 ppm
								17.2 ppm
5	5	3.0						11.6 ppm
								24.3 ppm
10	5	2.5				Wet		0.0 ppm
								0.0 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB008	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	12:10	**Completion Time:**	12:40
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	0.0 ppm
								0.3 ppm
5	5	3.0						0.2 ppm
								0.0 ppm
10	5	2.5				Wet		0.0 ppm
								0.0 ppm
End of Boring at 15'								

P.W. GROSSER CONSULTING

Boring Designation:	SB009	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	12:50	**Completion Time:**	13:20
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	0.0 ppm
5	5	3.0						0.0 ppm
10	5	2.5				Wet		0.0 ppm
								0.0 ppm
								0.0 ppm
								0.0 ppm

End of Boring at 15'

P.W. GROSSER CONSULTING

Boring Designation:	SB010	**Logged By:**	RM
Site Address:	60 Alexander St.	**Project Manager:**	JLL
Project Name:	Yonkers, NY	**Project Number:**	STR1501
Drilling Contractor:	Associated Environmental	**Driller Name:**	John
Drilling Method:	Direct Push	**Borehole Diameter:**	3"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	13:30	**Completion Time:**	14:00
Start Date:	7/23/2015	**Completion Date:**	7/23/2015

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	PID Readings
0	5	2.5		NA	Black/Dk Brown	Dry	Sand with fines and gravel, with pieces of brick and concrete, historical fil.	23.8 ppm
								36.2 ppm
5	5	3.0						74.1 ppm
								113 ppm
10	5	2.5				Wet		0.0 ppm
								0.0 ppm
End of Boring at 15'								

APPENDIX D
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1517155
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	60 ALEXANDER ST.
Project Number:	STR1501
Report Date:	08/05/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517155-01	SB001 (5-7.5)	SOIL	YONKERS, NY	07/23/15 08:00	07/23/15
L1517155-02	SB003 (4-6)	SOIL	YONKERS, NY	07/23/15 09:10	07/23/15
L1517155-03	SB007 (0-2.5)	SOIL	YONKERS, NY	07/23/15 11:20	07/23/15

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155
Project Number: STR1501 **Report Date:** 08/05/15

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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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:	60 ALEXANDER ST.	**Lab Number:**	L1517155
Project Number:	STR1501	**Report Date:**	08/05/15

Case Narrative (continued)

Report Submission

This final report replaces the partial report issued earlier today, August 05, 2015, and includes the results of all requested analyses.

This report contains the results of samples "SB001 (5-7.5)", "SB003 (4-6)", and "SB007 (0-2.5)", the results of all other requested analyses will be reported under a separate cover.

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

Volatile Organics

L1517155-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

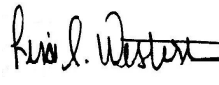
Semivolatile Organics

L1517155-01, -03: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1517155-01 through -03 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

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: 08/05/15

ORGANICS

VOLATILES

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 16:58
Analyst: BN
Percent Solids: 86%

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16000	1700	25
1,1-Dichloroethane	ND		ug/kg	2400	140	25
Chloroform	ND		ug/kg	2400	580	25
Carbon tetrachloride	ND		ug/kg	1600	330	25
1,2-Dichloropropane	ND		ug/kg	5500	360	25
Dibromochloromethane	ND		ug/kg	1600	240	25
1,1,2-Trichloroethane	ND		ug/kg	2400	480	25
Tetrachloroethene	ND		ug/kg	1600	220	25
Chlorobenzene	ND		ug/kg	1600	550	25
Trichlorofluoromethane	ND		ug/kg	7900	610	25
1,2-Dichloroethane	ND		ug/kg	1600	180	25
1,1,1-Trichloroethane	ND		ug/kg	1600	170	25
Bromodichloromethane	ND		ug/kg	1600	270	25
trans-1,3-Dichloropropene	ND		ug/kg	1600	190	25
cis-1,3-Dichloropropene	ND		ug/kg	1600	180	25
1,3-Dichloropropene, Total	ND		ug/kg	1600	180	25
1,1-Dichloropropene	ND		ug/kg	7900	220	25
Bromoform	ND		ug/kg	6300	370	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	1600	160	25
Benzene	2400		ug/kg	1600	190	25
Toluene	3700		ug/kg	2400	310	25
Ethylbenzene	3300		ug/kg	1600	200	25
Chloromethane	ND		ug/kg	7900	460	25
Bromomethane	ND		ug/kg	3200	530	25
Vinyl chloride	ND		ug/kg	3200	180	25
Chloroethane	ND		ug/kg	3200	500	25
1,1-Dichloroethene	ND		ug/kg	1600	410	25
trans-1,2-Dichloroethene	ND		ug/kg	2400	330	25
Trichloroethene	ND		ug/kg	1600	200	25
1,2-Dichlorobenzene	ND		ug/kg	7900	240	25

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D Date Collected: 07/23/15 08:00

Client ID: SB001 (5-7.5) Date Received: 07/23/15

Sample Location: YONKERS, 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	7900	210	25
1,4-Dichlorobenzene	ND		ug/kg	7900	220	25
Methyl tert butyl ether	ND		ug/kg	3200	130	25
p/m-Xylene	11000		ug/kg	3200	310	25
o-Xylene	1400	J	ug/kg	3200	270	25
Xylenes, Total	12000	J	ug/kg	3200	270	25
cis-1,2-Dichloroethene	ND		ug/kg	1600	220	25
1,2-Dichloroethene, Total	ND		ug/kg	1600	220	25
Dibromomethane	ND		ug/kg	16000	260	25
Styrene	ND		ug/kg	3200	630	25
Dichlorodifluoromethane	ND		ug/kg	16000	300	25
Acetone	ND		ug/kg	16000	1600	25
Carbon disulfide	ND		ug/kg	16000	1700	25
2-Butanone	ND		ug/kg	16000	430	25
Vinyl acetate	ND		ug/kg	16000	210	25
4-Methyl-2-pentanone	ND		ug/kg	16000	380	25
1,2,3-Trichloropropane	ND		ug/kg	16000	260	25
2-Hexanone	ND		ug/kg	16000	1000	25
Bromochloromethane	ND		ug/kg	7900	440	25
2,2-Dichloropropane	ND		ug/kg	7900	360	25
1,2-Dibromoethane	ND		ug/kg	6300	280	25
1,3-Dichloropropane	ND		ug/kg	7900	230	25
1,1,1,2-Tetrachloroethane	ND		ug/kg	1600	500	25
Bromobenzene	ND		ug/kg	7900	330	25
n-Butylbenzene	12000		ug/kg	1600	180	25
sec-Butylbenzene	12000		ug/kg	1600	190	25
tert-Butylbenzene	ND		ug/kg	7900	210	25
o-Chlorotoluene	ND		ug/kg	7900	250	25
p-Chlorotoluene	ND		ug/kg	7900	210	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	7900	620	25
Hexachlorobutadiene	ND		ug/kg	7900	360	25
Isopropylbenzene	26000		ug/kg	1600	160	25
p-Isopropyltoluene	4600		ug/kg	1600	200	25
Naphthalene	ND		ug/kg	7900	220	25
Acrylonitrile	ND		ug/kg	16000	810	25
n-Propylbenzene	21000		ug/kg	1600	170	25
1,2,3-Trichlorobenzene	ND		ug/kg	7900	230	25
1,2,4-Trichlorobenzene	ND		ug/kg	7900	290	25
1,3,5-Trimethylbenzene	1200	J	ug/kg	7900	230	25

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D Date Collected: 07/23/15 08:00

Client ID: SB001 (5-7.5) Date Received: 07/23/15

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	1800	J	ug/kg	7900	220	25
1,4-Dioxane	ND		ug/kg	160000	23000	25
p-Diethylbenzene	7100		ug/kg	6300	250	25
p-Ethyltoluene	6800		ug/kg	6300	200	25
1,2,4,5-Tetramethylbenzene	16000		ug/kg	6300	200	25
Ethyl ether	ND		ug/kg	7900	410	25
trans-1,4-Dichloro-2-butene	ND		ug/kg	7900	620	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	124		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	91		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:50
Analyst: BN
Percent Solids: 92%

Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.18	1
Chlorobenzene	ND		ug/kg	1.2	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.3	0.18	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	0.36	J	ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.3	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.19	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02 Date Collected: 07/23/15 09:10

Client ID: SB003 (4-6) Date Received: 07/23/15

Sample Location: YONKERS, 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	6.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
Xylenes, Total	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	69		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	3.2	J	ug/kg	12	0.34	1
Vinyl acetate	ND		ug/kg	12	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.35	1
2,2-Dichloropropane	ND		ug/kg	6.3	0.28	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.3	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.40	1
Bromobenzene	ND		ug/kg	6.3	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.3	0.17	1
o-Chlorotoluene	ND		ug/kg	6.3	0.20	1
p-Chlorotoluene	ND		ug/kg	6.3	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.29	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.3	0.17	1
Acrylonitrile	ND		ug/kg	12	0.65	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.18	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02 Date Collected: 07/23/15 09:10

Client ID: SB003 (4-6) Date Received: 07/23/15

Sample Location: YONKERS, 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	6.3	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
p-Diethylbenzene	ND		ug/kg	5.0	0.20	1
p-Ethyltoluene	ND		ug/kg	5.0	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.0	0.16	1
Ethyl ether	ND		ug/kg	6.3	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 12:15
Analyst: BN
Percent Solids: 89%

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	0.65	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.05	1
Chloroform	ND		ug/kg	0.88	0.22	1
Carbon tetrachloride	ND		ug/kg	0.59	0.12	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.13	1
Dibromochloromethane	ND		ug/kg	0.59	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.18	1
Tetrachloroethene	0.89		ug/kg	0.59	0.08	1
Chlorobenzene	ND		ug/kg	0.59	0.20	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.23	1
1,2-Dichloroethane	ND		ug/kg	0.59	0.07	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.07	1
Bromodichloromethane	ND		ug/kg	0.59	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.59	0.07	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.07	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.07	1
1,1-Dichloropropene	ND		ug/kg	3.0	0.08	1
Bromoform	ND		ug/kg	2.4	0.14	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.06	1
Benzene	0.68		ug/kg	0.59	0.07	1
Toluene	0.50	J	ug/kg	0.88	0.11	1
Ethylbenzene	0.13	J	ug/kg	0.59	0.08	1
Chloromethane	ND		ug/kg	3.0	0.17	1
Bromomethane	ND		ug/kg	1.2	0.20	1
Vinyl chloride	ND		ug/kg	1.2	0.07	1
Chloroethane	ND		ug/kg	1.2	0.19	1
1,1-Dichloroethene	ND		ug/kg	0.59	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.88	0.12	1
Trichloroethene	0.54	J	ug/kg	0.59	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.09	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03 Date Collected: 07/23/15 11:20

Client ID: SB007 (0-2.5) Date Received: 07/23/15

Sample Location: YONKERS, 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	3.0	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.08	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.05	1
p/m-Xylene	0.37	J	ug/kg	1.2	0.12	1
o-Xylene	ND		ug/kg	1.2	0.10	1
Xylenes, Total	0.37	J	ug/kg	1.2	0.10	1
cis-1,2-Dichloroethene	0.50	J	ug/kg	0.59	0.08	1
1,2-Dichloroethene, Total	0.50	J	ug/kg	0.59	0.08	1
Dibromomethane	ND		ug/kg	5.9	0.10	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	5.9	0.11	1
Acetone	8.8		ug/kg	5.9	0.61	1
Carbon disulfide	ND		ug/kg	5.9	0.65	1
2-Butanone	1.9	J	ug/kg	5.9	0.16	1
Vinyl acetate	ND		ug/kg	5.9	0.08	1
4-Methyl-2-pentanone	ND		ug/kg	5.9	0.14	1
1,2,3-Trichloropropane	ND		ug/kg	5.9	0.10	1
2-Hexanone	ND		ug/kg	5.9	0.39	1
Bromochloromethane	ND		ug/kg	3.0	0.16	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.13	1
1,2-Dibromoethane	ND		ug/kg	2.4	0.10	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Bromobenzene	ND		ug/kg	3.0	0.12	1
n-Butylbenzene	ND		ug/kg	0.59	0.07	1
sec-Butylbenzene	ND		ug/kg	0.59	0.07	1
tert-Butylbenzene	ND		ug/kg	3.0	0.08	1
o-Chlorotoluene	ND		ug/kg	3.0	0.09	1
p-Chlorotoluene	ND		ug/kg	3.0	0.08	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.23	1
Hexachlorobutadiene	ND		ug/kg	3.0	0.13	1
Isopropylbenzene	ND		ug/kg	0.59	0.06	1
p-Isopropyltoluene	ND		ug/kg	0.59	0.07	1
Naphthalene	ND		ug/kg	3.0	0.08	1
Acrylonitrile	ND		ug/kg	5.9	0.30	1
n-Propylbenzene	ND		ug/kg	0.59	0.06	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.09	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.11	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.09	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03 Date Collected: 07/23/15 11:20

Client ID: SB007 (0-2.5) Date Received: 07/23/15

Sample Location: YONKERS, 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	3.0	0.08	1
1,4-Dioxane	ND		ug/kg	59	8.5	1
p-Diethylbenzene	ND		ug/kg	2.4	0.09	1
p-Ethyltoluene	ND		ug/kg	2.4	0.07	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.08	1
Ethyl ether	ND		ug/kg	3.0	0.15	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG808491-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG808491-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG808491-3					
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: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG808491-3					
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	92		70-130
Dibromofluoromethane	99		70-130

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:31
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG808535-3					
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: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:31
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG808535-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:31
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG808535-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:31
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG808535-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG808491-1 WG808491-2								
Methylene chloride	96		93		70-130	3		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	93		91		70-130	2		30
Dibromochloromethane	98		98		70-130	0		30
2-Chloroethylvinyl ether	81		76		70-130	6		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	117		116		70-130	1		30
Chlorobenzene	102		103		70-130	1		30
Trichlorofluoromethane	117		112		70-139	4		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	100		102		70-130	2		30
trans-1,3-Dichloropropene	98		99		70-130	1		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	109		106		70-130	3		30
Bromoform	98		97		70-130	1		30
1,1,2,2-Tetrachloroethane	90		88		70-130	2		30
Benzene	104		102		70-130	2		30
Toluene	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG808491-1 WG808491-2								
Ethylbenzene	105		104		70-130	1		30
Chloromethane	77		76		52-130	1		30
Bromomethane	98		93		57-147	5		30
Vinyl chloride	97		94		67-130	3		30
Chloroethane	96		94		50-151	2		30
1,1-Dichloroethene	109		104		65-135	5		30
trans-1,2-Dichloroethene	105		102		70-130	3		30
Trichloroethene	108		106		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	103		102		70-130	1		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	104		101		70-130	3		30
Dibromomethane	100		98		70-130	2		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	114		107		30-146	6		30
Acetone	71		76		54-140	7		30
Carbon disulfide	98		97		59-130	1		30
2-Butanone	76		72		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG808491-1 WG808491-2								
Vinyl acetate	81		80		70-130	1		30
4-Methyl-2-pentanone	76		74		70-130	3		30
1,2,3-Trichloropropane	93		90		68-130	3		30
2-Hexanone	**67**	Q	**66**	Q	70-130	2		30
Bromochloromethane	103		102		70-130	1		30
2,2-Dichloropropane	108		105		70-130	3		30
1,2-Dibromoethane	99		98		70-130	1		30
1,3-Dichloropropane	100		99		69-130	1		30
1,1,1,2-Tetrachloroethane	102		105		70-130	3		30
Bromobenzene	98		98		70-130	0		30
n-Butylbenzene	104		103		70-130	1		30
sec-Butylbenzene	103		100		70-130	3		30
tert-Butylbenzene	100		98		70-130	2		30
o-Chlorotoluene	101		89		70-130	13		30
p-Chlorotoluene	99		97		70-130	2		30
1,2-Dibromo-3-chloropropane	89		86		68-130	3		30
Hexachlorobutadiene	123		120		67-130	2		30
Isopropylbenzene	109		107		70-130	2		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	91		89		70-130	2		30
Acrylonitrile	74		72		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG808491-1 WG808491-2								
Diisopropyl Ether	80		79		66-130	1		30
Tert-Butyl Alcohol	76		70		70-130	8		30
n-Propylbenzene	99		98		70-130	1		30
1,2,3-Trichlorobenzene	110		110		70-130	0		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	100		99		70-130	1		30
1,2,4-Trimethylbenzene	99		98		70-130	1		30
Methyl Acetate	74		71		51-146	4		30
Ethyl Acetate	**69**	Q	**64**	Q	70-130	8		30
Acrolein	72		**67**	Q	70-130	7		30
Cyclohexane	93		89		59-142	4		30
1,4-Dioxane	91		86		65-136	6		30
Freon-113	115		109		50-139	5		30
p-Diethylbenzene	114		111		70-130	3		30
p-Ethyltoluene	111		110		70-130	1		30
1,2,4,5-Tetramethylbenzene	110		109		70-130	1		30
Tetrahydrofuran	67		71		66-130	6		30
Ethyl ether	97		98		67-130	1		30
trans-1,4-Dichloro-2-butene	77		76		70-130	1		30
Methyl cyclohexane	114		108		70-130	5		30
Ethyl-Tert-Butyl-Ether	89		89		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG808491-1 WG808491-2								
Tertiary-Amyl Methyl Ether	98		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	91		92		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG808535-1 WG808535-2								
Methylene chloride	100		96		70-130	4		30
1,1-Dichloroethane	102		93		70-130	9		30
Chloroform	102		96		70-130	6		30
Carbon tetrachloride	112		99		70-130	12		30
1,2-Dichloropropane	96		91		70-130	5		30
Dibromochloromethane	99		95		70-130	4		30
2-Chloroethylvinyl ether	87		88		70-130	1		30
1,1,2-Trichloroethane	96		94		70-130	2		30
Tetrachloroethene	105		94		70-130	11		30
Chlorobenzene	100		94		70-130	6		30
Trichlorofluoromethane	128		111		70-139	14		30
1,2-Dichloroethane	96		94		70-130	2		30
1,1,1-Trichloroethane	105		94		70-130	11		30
Bromodichloromethane	97		93		70-130	4		30
trans-1,3-Dichloropropene	92		89		70-130	3		30
cis-1,3-Dichloropropene	95		92		70-130	3		30
1,1-Dichloropropene	102		90		70-130	13		30
Bromoform	94		93		70-130	1		30
1,1,2,2-Tetrachloroethane	92		92		70-130	0		30
Benzene	100		92		70-130	8		30
Toluene	98		89		70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG808535-1 WG808535-2								
Ethylbenzene	99		90		70-130	10		30
Chloromethane	105		95		52-130	10		30
Bromomethane	135		129		57-147	5		30
Vinyl chloride	115		100		67-130	14		30
Chloroethane	113		102		50-151	10		30
1,1-Dichloroethene	109		96		65-135	13		30
trans-1,2-Dichloroethene	103		94		70-130	9		30
Trichloroethene	104		94		70-130	10		30
1,2-Dichlorobenzene	100		96		70-130	4		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	100		95		70-130	5		30
Methyl tert butyl ether	90		88		66-130	2		30
p/m-Xylene	102		94		70-130	8		30
o-Xylene	100		92		70-130	8		30
cis-1,2-Dichloroethene	102		96		70-130	6		30
Dibromomethane	101		100		70-130	1		30
Styrene	100		94		70-130	6		30
Dichlorodifluoromethane	**181**	Q	**157**	Q	30-146	14		30
Acetone	90		90		54-140	0		30
Carbon disulfide	96		85		59-130	12		30
2-Butanone	83		86		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG808535-1 WG808535-2								
Vinyl acetate	100		101		70-130	1		30
4-Methyl-2-pentanone	89		87		70-130	2		30
1,2,3-Trichloropropane	93		92		68-130	1		30
2-Hexanone	75		75		70-130	0		30
Bromochloromethane	106		102		70-130	4		30
2,2-Dichloropropane	100		89		70-130	12		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	94		92		69-130	2		30
1,1,1,2-Tetrachloroethane	98		92		70-130	6		30
Bromobenzene	100		95		70-130	5		30
n-Butylbenzene	103		92		70-130	11		30
sec-Butylbenzene	102		93		70-130	9		30
tert-Butylbenzene	102		92		70-130	10		30
o-Chlorotoluene	100		93		70-130	7		30
p-Chlorotoluene	99		92		70-130	7		30
1,2-Dibromo-3-chloropropane	93		94		68-130	1		30
Hexachlorobutadiene	102		90		67-130	13		30
Isopropylbenzene	102		92		70-130	10		30
p-Isopropyltoluene	105		95		70-130	10		30
Naphthalene	92		91		70-130	1		30
Acrylonitrile	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG808535-1 WG808535-2								
Diisopropyl Ether	90		87		66-130	3		30
Tert-Butyl Alcohol	86		88		70-130	2		30
n-Propylbenzene	100		90		70-130	11		30
1,2,3-Trichlorobenzene	99		94		70-130	5		30
1,2,4-Trichlorobenzene	101		96		70-130	5		30
1,3,5-Trimethylbenzene	100		92		70-130	8		30
1,2,4-Trimethylbenzene	99		92		70-130	7		30
Methyl Acetate	84		85		51-146	1		30
Ethyl Acetate	77		79		70-130	3		30
Acrolein	83		86		70-130	4		30
Cyclohexane	106		93		59-142	13		30
1,4-Dioxane	92		92		65-136	0		30
Freon-113	106		93		50-139	13		30
p-Diethylbenzene	104		96		70-130	8		30
p-Ethyltoluene	105		97		70-130	8		30
1,2,4,5-Tetramethylbenzene	104		98		70-130	6		30
Tetrahydrofuran	85		74		66-130	14		30
Ethyl ether	87		86		67-130	1		30
trans-1,4-Dichloro-2-butene	81		80		70-130	1		30
Methyl cyclohexane	112		97		70-130	14		30
Ethyl-Tert-Butyl-Ether	92		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG808535-1 WG808535-2								
Tertiary-Amyl Methyl Ether	93		91		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		98		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/03/15 02:43
Analyst: JB
Percent Solids: 86%

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1500	390	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	620	10
Hexachlorobenzene	ND		ug/kg	1100	350	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	530	10
2-Chloronaphthalene	ND		ug/kg	1900	620	10
1,2-Dichlorobenzene	ND		ug/kg	1900	620	10
1,3-Dichlorobenzene	ND		ug/kg	1900	600	10
1,4-Dichlorobenzene	ND		ug/kg	1900	580	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	410	10
2,6-Dinitrotoluene	ND		ug/kg	1900	490	10
Fluoranthene	430	J	ug/kg	1100	350	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	580	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	440	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	670	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	580	10
Hexachlorobutadiene	ND		ug/kg	1900	540	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1200	10
Hexachloroethane	ND		ug/kg	1500	340	10
Isophorone	ND		ug/kg	1700	500	10
Naphthalene	4200		ug/kg	1900	630	10
Nitrobenzene	ND		ug/kg	1700	450	10
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	1500	400	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	570	10
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	1900	500	10
Butyl benzyl phthalate	ND		ug/kg	1900	370	10
Di-n-butylphthalate	ND		ug/kg	1900	370	10
Di-n-octylphthalate	ND		ug/kg	1900	470	10
Diethyl phthalate	ND		ug/kg	1900	400	10
Dimethyl phthalate	ND		ug/kg	1900	480	10

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D Date Collected: 07/23/15 08:00

Client ID: SB001 (5-7.5) Date Received: 07/23/15

Sample Location: YONKERS, 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	1100	370	10
Benzo(a)pyrene	ND		ug/kg	1500	460	10
Benzo(b)fluoranthene	ND		ug/kg	1100	380	10
Benzo(k)fluoranthene	ND		ug/kg	1100	360	10
Chrysene	ND		ug/kg	1100	370	10
Acenaphthylene	ND		ug/kg	1500	360	10
Anthracene	ND		ug/kg	1100	320	10
Benzo(ghi)perylene	ND		ug/kg	1500	400	10
Fluorene	ND		ug/kg	1900	540	10
Phenanthrene	650	J	ug/kg	1100	370	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	370	10
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	1500	420	10
Pyrene	420	J	ug/kg	1100	370	10
Biphenyl	ND		ug/kg	4300	630	10
4-Chloroaniline	ND		ug/kg	1900	500	10
2-Nitroaniline	ND		ug/kg	1900	540	10
3-Nitroaniline	ND		ug/kg	1900	520	10
4-Nitroaniline	ND		ug/kg	1900	510	10
Dibenzofuran	ND		ug/kg	1900	630	10
2-Methylnaphthalene	1700	J	ug/kg	2300	610	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	590	10
Acetophenone	ND		ug/kg	1900	590	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
P-Chloro-M-Cresol	ND		ug/kg	1900	550	10
2-Chlorophenol	ND		ug/kg	1900	570	10
2,4-Dichlorophenol	ND		ug/kg	1700	620	10
2,4-Dimethylphenol	ND		ug/kg	1900	570	10
2-Nitrophenol	ND		ug/kg	4100	590	10
4-Nitrophenol	ND		ug/kg	2700	620	10
2,4-Dinitrophenol	ND		ug/kg	9100	2600	10
4,6-Dinitro-o-cresol	ND		ug/kg	4900	700	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	560	10
2-Methylphenol	ND		ug/kg	1900	610	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	620	10
2,4,5-Trichlorophenol	ND		ug/kg	1900	620	10
Benzoic Acid	ND		ug/kg	6200	1900	10
Benzyl Alcohol	ND		ug/kg	1900	580	10
Carbazole	ND		ug/kg	1900	410	10

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01 D
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
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	67		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	**253**	Q	23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	80		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 15:11
Analyst: JB
Percent Solids: 92%

Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	57.	1
Hexachlorobenzene	ND		ug/kg	100	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	180	57.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	55.	1
1,4-Dichlorobenzene	ND		ug/kg	180	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	34	J	ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	180	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	44.	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02 Date Collected: 07/23/15 09:10

Client ID: SB003 (4-6) Date Received: 07/23/15

Sample Location: YONKERS, 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	89	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	92	J	ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	65	J	ug/kg	140	36.	1
Fluorene	ND		ug/kg	180	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	110	J	ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	46.	1
2-Nitroaniline	ND		ug/kg	180	49.	1
3-Nitroaniline	ND		ug/kg	180	48.	1
4-Nitroaniline	ND		ug/kg	180	47.	1
Dibenzofuran	ND		ug/kg	180	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	54.	1
Acetophenone	ND		ug/kg	180	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	52.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	240	57.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	64.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02 Date Collected: 07/23/15 09:10

Client ID: SB003 (4-6) Date Received: 07/23/15

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	69		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03 D
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 15:36
Analyst: JB
Percent Solids: 89%

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	440	J	ug/kg	730	190	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	300	5
Hexachlorobenzene	ND		ug/kg	550	170	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	260	5
2-Chloronaphthalene	ND		ug/kg	920	300	5
1,2-Dichlorobenzene	ND		ug/kg	920	300	5
1,3-Dichlorobenzene	ND		ug/kg	920	290	5
1,4-Dichlorobenzene	ND		ug/kg	920	280	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	200	5
2,6-Dinitrotoluene	ND		ug/kg	920	230	5
Fluoranthene	13000		ug/kg	550	170	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	280	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	210	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	320	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	280	5
Hexachlorobutadiene	ND		ug/kg	920	260	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	590	5
Hexachloroethane	ND		ug/kg	730	170	5
Isophorone	ND		ug/kg	820	240	5
Naphthalene	430	J	ug/kg	920	300	5
Nitrobenzene	ND		ug/kg	820	220	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	730	190	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	270	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	920	240	5
Butyl benzyl phthalate	ND		ug/kg	920	180	5
Di-n-butylphthalate	ND		ug/kg	920	180	5
Di-n-octylphthalate	ND		ug/kg	920	220	5
Diethyl phthalate	ND		ug/kg	920	190	5
Dimethyl phthalate	ND		ug/kg	920	230	5

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03 D Date Collected: 07/23/15 11:20

Client ID: SB007 (0-2.5) Date Received: 07/23/15

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	7000		ug/kg	550	180	5
Benzo(a)pyrene	5000		ug/kg	730	220	5
Benzo(b)fluoranthene	5600		ug/kg	550	180	5
Benzo(k)fluoranthene	2100		ug/kg	550	170	5
Chrysene	6100		ug/kg	550	180	5
Acenaphthylene	2900		ug/kg	730	170	5
Anthracene	4600		ug/kg	550	150	5
Benzo(ghi)perylene	3500		ug/kg	730	190	5
Fluorene	2000		ug/kg	920	260	5
Phenanthrene	14000		ug/kg	550	180	5
Dibenzo(a,h)anthracene	900		ug/kg	550	180	5
Indeno(1,2,3-cd)Pyrene	3400		ug/kg	730	200	5
Pyrene	15000		ug/kg	550	180	5
Biphenyl	ND		ug/kg	2100	300	5
4-Chloroaniline	ND		ug/kg	920	240	5
2-Nitroaniline	ND		ug/kg	920	260	5
3-Nitroaniline	ND		ug/kg	920	250	5
4-Nitroaniline	ND		ug/kg	920	250	5
Dibenzofuran	640	J	ug/kg	920	300	5
2-Methylnaphthalene	480	J	ug/kg	1100	290	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	280	5
Acetophenone	ND		ug/kg	920	280	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
P-Chloro-M-Cresol	ND		ug/kg	920	260	5
2-Chlorophenol	ND		ug/kg	920	280	5
2,4-Dichlorophenol	ND		ug/kg	820	300	5
2,4-Dimethylphenol	ND		ug/kg	920	270	5
2-Nitrophenol	ND		ug/kg	2000	280	5
4-Nitrophenol	ND		ug/kg	1300	300	5
2,4-Dinitrophenol	ND		ug/kg	4400	1200	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	340	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	920	270	5
2-Methylphenol	ND		ug/kg	920	290	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	300	5
2,4,5-Trichlorophenol	ND		ug/kg	920	300	5
Benzoic Acid	ND		ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	360	J	ug/kg	920	200	5

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517155

Project Number: STR1501 **Report Date:** 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03 D Date Collected: 07/23/15 11:20

Client ID: SB007 (0-2.5) Date Received: 07/23/15

Sample Location: YONKERS, 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	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	66		18-120

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG807586-1					
Acenaphthene	ND		ug/kg	130	34.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	330	53.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	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	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG807586-1					
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
Aniline	ND		ug/kg	200	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG807586-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	650	58.
Parathion, ethyl	ND		ug/kg	160	65.
1-Methylnaphthalene	ND		ug/kg	160	49.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG807586-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	92		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG807586-2 WG807586-3								
Acenaphthene	86		87		31-137	1		50
Benzidine	44		45		10-66	2		50
n-Nitrosodimethylamine	81		82		22-100	1		50
1,2,4-Trichlorobenzene	77		79		38-107	3		50
Hexachlorobenzene	83		85		40-140	2		50
Bis(2-chloroethyl)ether	79		82		40-140	4		50
2-Chloronaphthalene	83		86		40-140	4		50
1,2-Dichlorobenzene	75		77		40-140	3		50
1,3-Dichlorobenzene	75		76		40-140	1		50
1,4-Dichlorobenzene	77		77		28-104	0		50
3,3'-Dichlorobenzidine	72		77		40-140	7		50
2,4-Dinitrotoluene	88		**91**	Q	28-89	3		50
2,6-Dinitrotoluene	100		103		40-140	3		50
Fluoranthene	96		98		40-140	2		50
4-Chlorophenyl phenyl ether	84		84		40-140	0		50
4-Bromophenyl phenyl ether	90		90		40-140	0		50
Azobenzene	96		96		40-140	0		50
Bis(2-chloroisopropyl)ether	82		83		40-140	1		50
Bis(2-chloroethoxy)methane	84		86		40-117	2		50
Hexachlorobutadiene	75		77		40-140	3		50
Hexachlorocyclopentadiene	81		84		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG807586-2 WG807586-3								
Hexachloroethane	77		78		40-140	1		50
Isophorone	98		100		40-140	2		50
Naphthalene	80		82		40-140	2		50
Nitrobenzene	88		91		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		94		36-157	1		50
n-Nitrosodi-n-propylamine	99		101		32-121	2		50
Bis(2-Ethylhexyl)phthalate	96		98		40-140	2		50
Butyl benzyl phthalate	96		97		40-140	1		50
Di-n-butylphthalate	95		96		40-140	1		50
Di-n-octylphthalate	104		106		40-140	2		50
Diethyl phthalate	98		99		40-140	1		50
Dimethyl phthalate	91		93		40-140	2		50
Benzo(a)anthracene	100		102		40-140	2		50
Benzo(a)pyrene	84		86		40-140	2		50
Benzo(b)fluoranthene	79		82		40-140	4		50
Benzo(k)fluoranthene	89		91		40-140	2		50
Chrysene	85		86		40-140	1		50
Acenaphthylene	90		94		40-140	4		50
Anthracene	98		100		40-140	2		50
Benzo(ghi)perylene	82		84		40-140	2		50
Fluorene	89		90		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG807586-2 WG807586-3								
Phenanthrene	85		86		40-140	1		50
Dibenzo(a,h)anthracene	82		84		40-140	2		50
Indeno(1,2,3-cd)Pyrene	84		86		40-140	2		50
Pyrene	93		95		35-142	2		50
Biphenyl	92		93		54-104	1		50
Aniline	62		64		40-140	3		50
4-Chloroaniline	82		81		40-140	1		50
2-Nitroaniline	92		95		47-134	3		50
3-Nitroaniline	84		84		26-129	0		50
4-Nitroaniline	94		96		41-125	2		50
Dibenzofuran	85		86		40-140	1		50
2-Methylnaphthalene	83		86		40-140	4		50
1,2,4,5-Tetrachlorobenzene	87		88		40-117	1		50
Acetophenone	73		74		14-144	1		50
2,4,6-Trichlorophenol	86		88		30-130	2		50
P-Chloro-M-Cresol	100		103		26-103	3		50
2-Chlorophenol	90		91		25-102	1		50
2,4-Dichlorophenol	95		97		30-130	2		50
2,4-Dimethylphenol	90		92		30-130	2		50
2-Nitrophenol	96		98		30-130	2		50
4-Nitrophenol	93		96		11-114	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG807586-2 WG807586-3								
2,4-Dinitrophenol	84		86		4-130	2		50
4,6-Dinitro-o-cresol	89		90		10-130	1		50
Pentachlorophenol	93		94		17-109	1		50
Phenol	83		85		26-90	2		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	92		95		30-130	3		50
2,4,5-Trichlorophenol	90		93		30-130	3		50
Benzoic Acid	66		**70**	Q	10-66	6		50
Benzyl Alcohol	95		96		40-140	1		50
Carbazole	97		99		54-128	2		50
Benzaldehyde	82		83		40-140	1		50
Caprolactam	83		82		15-130	1		50
Atrazine	94		97		40-140	3		50
2,3,4,6-Tetrachlorophenol	90		92		40-140	2		50
Pyridine	51		52		10-93	2		50
Parathion, ethyl	121		128		40-140	6		50
1-Methylnaphthalene	78		81		26-130	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG807586-2 WG807586-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		89		25-120
Phenol-d6	90		90		10-120
Nitrobenzene-d5	90		89		23-120
2-Fluorobiphenyl	80		82		30-120
2,4,6-Tribromophenol	85		87		10-136
4-Terphenyl-d14	86		86		18-120

PCBS

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/31/15 16:16
Analyst: JW
Percent Solids: 86%

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 18:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	2.92	1	A
Aroclor 1221	ND		ug/kg	36.9	3.40	1	A
Aroclor 1232	ND		ug/kg	36.9	4.33	1	A
Aroclor 1242	ND		ug/kg	36.9	4.52	1	A
Aroclor 1248	ND		ug/kg	36.9	3.12	1	A
Aroclor 1254	ND		ug/kg	36.9	3.04	1	A
Aroclor 1260	ND		ug/kg	36.9	2.81	1	A
Aroclor 1262	ND		ug/kg	36.9	1.83	1	A
Aroclor 1268	ND		ug/kg	36.9	5.36	1	A
PCBs, Total	ND		ug/kg	36.9	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/31/15 16:29
Analyst: JW
Percent Solids: 92%

Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 18:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	2.74	1	A
Aroclor 1221	ND		ug/kg	34.7	3.20	1	A
Aroclor 1232	ND		ug/kg	34.7	4.07	1	A
Aroclor 1242	ND		ug/kg	34.7	4.25	1	A
Aroclor 1248	ND		ug/kg	34.7	2.93	1	A
Aroclor 1254	ND		ug/kg	34.7	2.85	1	A
Aroclor 1260	ND		ug/kg	34.7	2.65	1	A
Aroclor 1262	ND		ug/kg	34.7	1.72	1	A
Aroclor 1268	ND		ug/kg	34.7	5.04	1	A
PCBs, Total	ND		ug/kg	34.7	1.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/31/15 16:41
Analyst: JW
Percent Solids: 89%

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 18:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	2.91	1	A
Aroclor 1221	ND		ug/kg	36.8	3.40	1	A
Aroclor 1232	ND		ug/kg	36.8	4.32	1	A
Aroclor 1242	ND		ug/kg	36.8	4.51	1	A
Aroclor 1248	ND		ug/kg	36.8	3.11	1	A
Aroclor 1254	38.2		ug/kg	36.8	3.03	1	B
Aroclor 1260	58.2		ug/kg	36.8	2.81	1	B
Aroclor 1262	ND		ug/kg	36.8	1.83	1	A
Aroclor 1268	ND		ug/kg	36.8	5.34	1	A
PCBs, Total	96.4		ug/kg	36.8	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/31/15 16:54
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 07/30/15 18:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/31/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG807558-1						
Aroclor 1016	ND		ug/kg	32.0	2.53	A
Aroclor 1221	ND		ug/kg	32.0	2.95	A
Aroclor 1232	ND		ug/kg	32.0	3.75	A
Aroclor 1242	ND		ug/kg	32.0	3.92	A
Aroclor 1248	ND		ug/kg	32.0	2.70	A
Aroclor 1254	ND		ug/kg	32.0	2.63	A
Aroclor 1260	ND		ug/kg	32.0	2.44	A
Aroclor 1262	ND		ug/kg	32.0	1.59	A
Aroclor 1268	ND		ug/kg	32.0	4.64	A
PCBs, Total	ND		ug/kg	32.0	1.59	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG807558-2 WG807558-3									
Aroclor 1016	77		63		40-140	20		50	A
Aroclor 1260	50		44		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		66		30-150	A
Decachlorobiphenyl	48		45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		63		30-150	B
Decachlorobiphenyl	68		63		30-150	B

PESTICIDES

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/15 14:55
Analyst: AL
Percent Solids: 86%

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 12:54
Cleanup Method: EPA 3620B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.920	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.767	0.314	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.575	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	ND		ug/kg	3.45	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	0.903	PI	ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.66	1	A
cis-Chlordane	ND		ug/kg	2.30	0.641	1	A
trans-Chlordane	ND		ug/kg	2.30	0.607	1	A
Chlordane	ND		ug/kg	15.0	6.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	51		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	32		30-150	A

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/15 15:08
Analyst: AL
Percent Solids: 92%

Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 12:54
Cleanup Method: EPA 3620B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.317	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	3.19	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	1480		ug/kg	13.8	5.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/15 15:21
Analyst: AL
Percent Solids: 89%

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 12:54
Cleanup Method: EPA 3620B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.348	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.673	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	8.22	P	ug/kg	1.77	0.625	1	B
Heptachlor epoxide	4.64	P	ug/kg	3.33	0.998	1	A
Endrin	13.4	PI	ug/kg	0.739	0.303	1	A
Endrin ketone	62.7		ug/kg	1.77	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.633	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	20.8	PI	ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.4	5.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	126		30-150	A

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/01/15 14:16
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/30/15 12:54
Cleanup Method: EPA 3620B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG807450-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.778	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.875	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.56	0.400	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.367	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.648	0.308	A
Methoxychlor	ND		ug/kg	2.92	0.907	A
Toxaphene	ND		ug/kg	29.2	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.542	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.6	5.15	A

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/01/15 14:16
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/30/15 12:54
Cleanup Method: EPA 3620B
Cleanup Date: 07/31/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG807450-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	72		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG807450-2 WG807450-3									
Delta-BHC	69		95		30-150	**32**	Q	30	A
Lindane	80		111		30-150	**32**	Q	30	A
Alpha-BHC	84		116		30-150	**32**	Q	30	A
Beta-BHC	88		114		30-150	26		30	A
Heptachlor	84		116		30-150	**32**	Q	30	A
Aldrin	79		114		30-150	**36**	Q	30	A
Heptachlor epoxide	78		108		30-150	**32**	Q	30	A
Endrin	81		113		30-150	**33**	Q	30	A
Endrin aldehyde	72		105		30-150	**37**	Q	30	A
Endrin ketone	70		102		30-150	**37**	Q	30	A
Dieldrin	84		117		30-150	**33**	Q	30	A
4,4'-DDE	74		102		30-150	**32**	Q	30	A
4,4'-DDD	88		123		30-150	**33**	Q	30	A
4,4'-DDT	82		120		30-150	**38**	Q	30	A
Endosulfan I	75		109		30-150	**37**	Q	30	A
Endosulfan II	66		117		30-150	**56**	Q	30	A
Endosulfan sulfate	67		99		30-150	**39**	Q	30	A
Methoxychlor	77		110		30-150	**35**	Q	30	A
cis-Chlordane	75		106		30-150	**34**	Q	30	A
trans-Chlordane	78		109		30-150	**33**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG807450-2 WG807450-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		78		30-150	B
Decachlorobiphenyl	61		83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	60		84		30-150	A
Decachlorobiphenyl	48		70		30-150	A

METALS

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2600		mg/kg	9.0	1.8	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/28/15 18:56	08/03/15 16:59	EPA 3050B	1,6010C	JH
Arsenic, Total	2.7		mg/kg	0.90	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Barium, Total	28		mg/kg	0.90	0.27	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.16	J	mg/kg	0.45	0.09	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Calcium, Total	2500		mg/kg	9.0	2.7	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Chromium, Total	6.1		mg/kg	0.90	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Cobalt, Total	4.4		mg/kg	1.8	0.45	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Copper, Total	35		mg/kg	0.90	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.5	1.8	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Lead, Total	24		mg/kg	4.5	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.0	0.90	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	0.90	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/31/15 07:00	07/31/15 13:19	EPA 7471B	1,7471B	MC
Nickel, Total	8.5		mg/kg	2.2	0.36	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Potassium, Total	330		mg/kg	220	36.	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Sodium, Total	120	J	mg/kg	180	27.	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Vanadium, Total	11		mg/kg	0.90	0.09	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC
Zinc, Total	31		mg/kg	4.5	0.63	2	07/28/15 18:56	07/31/15 21:31	EPA 3050B	1,6010C	MC

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 92%

Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	8.3	1.7	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Antimony, Total	0.76	J	mg/kg	4.2	0.67	2	07/28/15 18:56	08/03/15 17:03	EPA 3050B	1,6010C	JH
Arsenic, Total	22		mg/kg	0.83	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Barium, Total	31		mg/kg	0.83	0.25	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Beryllium, Total	0.27	J	mg/kg	0.42	0.08	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.83	0.06	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Calcium, Total	3300		mg/kg	8.3	2.5	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.83	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Cobalt, Total	13		mg/kg	1.7	0.42	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Copper, Total	88		mg/kg	0.83	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Iron, Total	45000		mg/kg	4.2	1.7	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Lead, Total	49		mg/kg	4.2	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Magnesium, Total	2500		mg/kg	8.3	0.83	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Manganese, Total	800		mg/kg	0.83	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Mercury, Total	0.08		mg/kg	0.07	0.01	1	07/31/15 07:00	07/31/15 13:24	EPA 7471B	1,7471B	MC
Nickel, Total	22		mg/kg	2.1	0.33	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Potassium, Total	340		mg/kg	210	33.	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.83	0.17	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Sodium, Total	84	J	mg/kg	170	25.	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.33	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Vanadium, Total	36		mg/kg	0.83	0.08	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC
Zinc, Total	130		mg/kg	4.2	0.58	2	07/28/15 18:56	07/31/15 21:35	EPA 3050B	1,6010C	MC

Project Name: 60 ALEXANDER ST.
Lab Number: L1517155
Project Number: STR1501
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	8.9	1.8	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Antimony, Total	1.4	J	mg/kg	4.5	0.72	2	07/28/15 18:56	08/03/15 17:07	EPA 3050B	1,6010C	JH
Arsenic, Total	4.8		mg/kg	0.89	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Barium, Total	68		mg/kg	0.89	0.27	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Beryllium, Total	0.24	J	mg/kg	0.45	0.09	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Calcium, Total	3500		mg/kg	8.9	2.7	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.89	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Cobalt, Total	5.6		mg/kg	1.8	0.45	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Copper, Total	850		mg/kg	0.89	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Iron, Total	15000		mg/kg	4.5	1.8	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Lead, Total	160		mg/kg	4.5	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Magnesium, Total	2500		mg/kg	8.9	0.89	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Manganese, Total	170		mg/kg	0.89	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Mercury, Total	2.9		mg/kg	0.08	0.02	1	07/31/15 07:00	07/31/15 13:26	EPA 7471B	1,7471B	MC
Nickel, Total	18		mg/kg	2.2	0.36	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Potassium, Total	680		mg/kg	220	36.	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Selenium, Total	0.31	J	mg/kg	1.8	0.27	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.89	0.18	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Sodium, Total	170	J	mg/kg	180	27.	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.89	0.09	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC
Zinc, Total	330		mg/kg	4.5	0.63	2	07/28/15 18:56	07/31/15 21:39	EPA 3050B	1,6010C	MC

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG806775-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Barium, Total	ND		mg/kg	0.40	0.12	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Copper, Total	ND		mg/kg	0.40	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Iron, Total	0.94	J	mg/kg	2.0	0.80	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Lead, Total	ND		mg/kg	2.0	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Potassium, Total	ND		mg/kg	100	16.	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Silver, Total	ND		mg/kg	0.40	0.08	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Sodium, Total	ND		mg/kg	80	12.	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/28/15 18:56	07/31/15 19:07	1,6010C	MC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG807646-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/31/15 07:00	07/31/15 12:55	1,7471B	MC

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG806775-2 SRM Lot Number: D088-540								
Aluminum, Total	69		-		48-151	-		
Antimony, Total	150		-		1-208	-		
Arsenic, Total	88		-		79-121	-		
Barium, Total	83		-		83-117	-		
Beryllium, Total	91		-		83-117	-		
Cadmium, Total	90		-		83-117	-		
Calcium, Total	103		-		81-119	-		
Chromium, Total	82		-		80-120	-		
Cobalt, Total	92		-		84-115	-		
Copper, Total	82		-		81-118	-		
Iron, Total	82		-		45-155	-		
Lead, Total	84		-		81-117	-		
Magnesium, Total	81		-		76-124	-		
Manganese, Total	81		-		81-118	-		
Nickel, Total	86		-		83-117	-		
Potassium, Total	82		-		71-129	-		
Selenium, Total	91		-		78-122	-		
Silver, Total	88		-		75-124	-		
Sodium, Total	88		-		72-127	-		
Thallium, Total	80		-		80-120	-		
Vanadium, Total	79		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517155

Report Date: 08/05/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG806775-2 SRM Lot Number: D088-540					
Zinc, Total	84	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG807646-2 SRM Lot Number: D088-540					
Mercury, Total	118	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806775-3 WG806775-4 QC Sample: L1517224-12 Client ID: MS Sample												
Aluminum, Total	9400	171	10000	**351**	Q	11000	**922**	Q	75-125	10		20
Antimony, Total	ND	42.7	32	75		32	**74**	Q	75-125	0		20
Arsenic, Total	5.9	10.2	14	79		15	87		75-125	7		20
Barium, Total	16.	171	160	84		160	83		75-125	0		20
Beryllium, Total	0.27	4.27	4.1	90		4.2	91		75-125	2		20
Cadmium, Total	ND	4.36	2.9	**66**	Q	2.9	**66**	Q	75-125	0		20
Calcium, Total	920	854	1300	**44**	Q	1300	**44**	Q	75-125	0		20
Chromium, Total	17.	17.1	30	76		32	86		75-125	6		20
Cobalt, Total	6.4	42.7	38	**74**	Q	38	**73**	Q	75-125	0		20
Copper, Total	9.4	21.4	28	87		29	90		75-125	4		20
Iron, Total	14000	85.4	15000	**1170**	Q	16000	**2300**	Q	75-125	6		20
Lead, Total	ND	43.6	31	**71**	Q	32	**72**	Q	75-125	3		20
Magnesium, Total	3700	854	4400	82		4700	115		75-125	7		20
Manganese, Total	280	42.7	310	**70**	Q	320	92		75-125	3		20
Nickel, Total	20.	42.7	54	80		55	81		75-125	2		20
Potassium, Total	500	854	1300	94		1300	92		75-125	0		20
Selenium, Total	ND	10.2	8.3	81		8.3	80		75-125	0		20
Silver, Total	ND	25.6	22	86		22	84		75-125	0		20
Sodium, Total	62.J	854	830	97		850	98		75-125	2		20
Thallium, Total	ND	10.2	6.3	**61**	Q	6.3	**60**	Q	75-125	0		20
Vanadium, Total	13.	42.7	46	77		47	78		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806775-3 WG806775-4 QC Sample: L1517224-12 Client ID: MS Sample										
Zinc, Total	28.	42.7	65	87		67	90	75-125	3	20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG807646-4 QC Sample: L1517833-01 Client ID: MS Sample										
Mercury, Total	0.06J	0.198	0.38	**192**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG807646-3 QC Sample: L1517833-01 Client ID: DUP Sample						
Mercury, Total	0.06J	0.06J	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-01
Client ID: SB001 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 08:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517155
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-02
Client ID: SB003 (4-6)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 09:10
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

SAMPLE RESULTS

Lab ID: L1517155-03
Client ID: SB007 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 07/23/15 11:20
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806822-1 QC Sample: L1517155-01 Client ID: SB001 (5-7.5)						
Solids, Total	85.9	86.8	%	1		20

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/24/2015 02:58

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517155-01A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-01B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-01C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-01D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517155-01E	Glass 500ml/16oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517155-02A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-02B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-02C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-02D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517155-02E	Glass 500ml/16oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517155-03A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-03B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517155-03C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517155
Report Date: 08/05/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517155-03D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517155-03E	Glass 500ml/16oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517155
Project Number:	STR1501	**Report Date:**	08/05/15

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.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

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.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517155
Project Number:	STR1501	**Report Date:**	08/05/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517155
Project Number:	STR1501	**Report Date:**	08/05/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 508-822-9288

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 (2)

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517155

Client Information

Client: PW Grosser Consulting
Address: 630 Johnson Ave
Johnson Av Bohemia, NY
Phone: 631-589-6353
Fax:
Email: Jennifer@PWGrosser.com

Project Information

Project Name: 60 Alexander St
Project Location: Yonkers, NY
Project # STR1501
(Use Project name as Project #) ☐
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
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 #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	TAL Metals	PCB/Pest	VOC (CP-51)	SVOC (CP-51)	Sample Specific Comments
17165-01	SB001 (5-7.5)	7/23/15	8:00	S	RM	X	X	X	X			
	SB002 (2.5-5)		8:40							X	X	
02	SB003 (4-6)		9:10			X	X	X	X			
	SB004 (2.5-5)		9:40							X	X	
	SB005 (2.5-5)		10:30							X	X	
	SB006 (0-2.5)		11:00							X	X	
03	SB007 (0-2.5)		11:20		U	X	X	X	X			
	SB008 (5-7.5)		12:00							X	X	
	SB009 (0-2.5)		12:30							X	X	
	SB010 (5-7.5)		13:50							X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/23/15 14:00		
AAL	7/23/15 1820	AAL	7/23-15 1820
	7/24/15 0020	AAL	7/24/15 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1517161
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	60 ALEXANDER ST.
Project Number:	STR1501
Report Date:	08/03/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517161-01	SB002 (2.5-5)	SOIL	YONKERS, NY	07/23/15 08:40	07/23/15
L1517161-02	SB004 (2.5-5)	SOIL	YONKERS, NY	07/23/15 09:40	07/23/15
L1517161-03	SB005 (2.5-5)	SOIL	YONKERS, NY	07/23/15 10:30	07/23/15
L1517161-04	SB006 (0-2.5)	SOIL	YONKERS, NY	07/23/15 11:00	07/23/15
L1517161-05	SB008 (5-7.5)	SOIL	YONKERS, NY	07/23/15 12:00	07/23/15
L1517161-06	SB009 (0-2.5)	SOIL	YONKERS, NY	07/23/15 12:30	07/23/15
L1517161-07	SB010 (5-7.5)	SOIL	YONKERS, NY	07/23/15 13:50	07/23/15
L1517161-08	GW001 (7-10')	WATER	YONKERS, NY	07/23/15 08:10	07/23/15
L1517161-09	GW002 (9-13')	WATER	YONKERS, NY	07/23/15 09:15	07/23/15
L1517161-10	GW003 (-12')	WATER	YONKERS, NY	07/23/15 11:30	07/23/15

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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: 60 ALEXANDER ST. **Lab Number:** L1517161
Project Number: STR1501 **Report Date:** 08/03/15

Case Narrative (continued)

Report Submission

This report contains the results of the samples reporting Volatile Organics and Semivolatile Organics with a CP-51 reporting list. The results of all other analyses will be issued under separate cover.

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

Volatile Organics

L1517161-02, -03, and -08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1517161-05 and -06: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1517161-01, -04, and -05 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: Cristin Walker

Title: Technical Director/Representative Date: 08/03/15

ORGANICS

VOLATILES

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-01
Client ID: SB002 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 12:41
Analyst: BN
Percent Solids: 82%

Date Collected: 07/23/15 08:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.86	0.10	1
Toluene	ND		ug/kg	1.3	0.17	1
Ethylbenzene	ND		ug/kg	0.86	0.11	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
n-Butylbenzene	ND		ug/kg	0.86	0.10	1
sec-Butylbenzene	ND		ug/kg	0.86	0.10	1
tert-Butylbenzene	ND		ug/kg	4.3	0.12	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.11	1
Naphthalene	0.18	J	ug/kg	4.3	0.12	1
n-Propylbenzene	ND		ug/kg	0.86	0.09	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.3	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.3	0.12	1

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

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-02 D
Client ID: SB004 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/03/15 14:44
Analyst: BN
Percent Solids: 88%

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	580	69.	10
Toluene	ND		ug/kg	880	110	10
Ethylbenzene	ND		ug/kg	580	75.	10
Methyl tert butyl ether	ND		ug/kg	1200	49.	10
p/m-Xylene	ND		ug/kg	1200	120	10
o-Xylene	ND		ug/kg	1200	100	10
n-Butylbenzene	400	J	ug/kg	580	67.	10
sec-Butylbenzene	ND		ug/kg	580	71.	10
tert-Butylbenzene	ND		ug/kg	2900	79.	10
Isopropylbenzene	ND		ug/kg	580	61.	10
p-Isopropyltoluene	ND		ug/kg	580	73.	10
Naphthalene	22000		ug/kg	2900	81.	10
n-Propylbenzene	ND		ug/kg	580	64.	10
1,3,5-Trimethylbenzene	ND		ug/kg	2900	84.	10
1,2,4-Trimethylbenzene	650	J	ug/kg	2900	83.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-03 D
Client ID: SB005 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/01/15 15:28
Analyst: BN
Percent Solids: 93%

Date Collected: 07/23/15 10:30
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	240		ug/kg	130	16.	2
Toluene	100	J	ug/kg	200	26.	2
Ethylbenzene	90	J	ug/kg	130	17.	2
Methyl tert butyl ether	ND		ug/kg	260	11.	2
p/m-Xylene	130	J	ug/kg	260	26.	2
o-Xylene	36	J	ug/kg	260	23.	2
n-Butylbenzene	49	J	ug/kg	130	15.	2
sec-Butylbenzene	36	J	ug/kg	130	16.	2
tert-Butylbenzene	ND		ug/kg	660	18.	2
Isopropylbenzene	ND		ug/kg	130	14.	2
p-Isopropyltoluene	ND		ug/kg	130	17.	2
Naphthalene	78	J	ug/kg	660	18.	2
n-Propylbenzene	ND		ug/kg	130	14.	2
1,3,5-Trimethylbenzene	220	J	ug/kg	660	19.	2
1,2,4-Trimethylbenzene	42	J	ug/kg	660	19.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	92		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-04
Client ID: SB006 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 13:07
Analyst: BN
Percent Solids: 85%

Date Collected: 07/23/15 11:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	0.47	J	ug/kg	1.0	0.12	1
Toluene	0.29	J	ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.2	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
Naphthalene	ND		ug/kg	5.2	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-05
Client ID: SB008 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/01/15 15:54
Analyst: BN
Percent Solids: 86%

Date Collected: 07/23/15 12:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	74	8.7	1
Toluene	38	J	ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	74	9.4	1
Methyl tert butyl ether	ND		ug/kg	150	6.2	1
p/m-Xylene	40	J	ug/kg	150	15.	1
o-Xylene	17	J	ug/kg	150	13.	1
n-Butylbenzene	ND		ug/kg	74	8.5	1
sec-Butylbenzene	ND		ug/kg	74	9.0	1
tert-Butylbenzene	ND		ug/kg	370	10.	1
Isopropylbenzene	ND		ug/kg	74	7.7	1
p-Isopropyltoluene	ND		ug/kg	74	9.2	1
Naphthalene	35	J	ug/kg	370	10.	1
n-Propylbenzene	ND		ug/kg	74	8.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	370	11.	1
1,2,4-Trimethylbenzene	ND		ug/kg	370	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	90		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-06
Client ID: SB009 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/01/15 16:20
Analyst: BN
Percent Solids: 91%

Date Collected: 07/23/15 12:30
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	31	J	ug/kg	67	8.0	1
Toluene	67	J	ug/kg	100	13.	1
Ethylbenzene	22	J	ug/kg	67	8.6	1
Methyl tert butyl ether	ND		ug/kg	130	5.7	1
p/m-Xylene	52	J	ug/kg	130	13.	1
o-Xylene	27	J	ug/kg	130	12.	1
n-Butylbenzene	ND		ug/kg	67	7.7	1
sec-Butylbenzene	ND		ug/kg	67	8.2	1
tert-Butylbenzene	ND		ug/kg	340	9.1	1
Isopropylbenzene	ND		ug/kg	67	7.0	1
p-Isopropyltoluene	ND		ug/kg	67	8.4	1
Naphthalene	22	J	ug/kg	340	9.3	1
n-Propylbenzene	ND		ug/kg	67	7.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	340	9.7	1
1,2,4-Trimethylbenzene	22	J	ug/kg	340	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	94		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-07
Client ID: SB010 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/15 13:33
Analyst: BN
Percent Solids: 77%

Date Collected: 07/23/15 13:50
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.27	1
o-Xylene	ND		ug/kg	2.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	1.7	J	ug/kg	6.9	0.19	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.9	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-08 D
Client ID: GW001 (7-10')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/15 03:25
Analyst: MS

Date Collected: 07/23/15 08:10
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	22		ug/l	5.0	1.6	10
Toluene	11	J	ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	45		ug/l	25	7.0	10
o-Xylene	8.3	J	ug/l	25	7.0	10
n-Butylbenzene	18	J	ug/l	25	7.0	10
sec-Butylbenzene	27		ug/l	25	7.0	10
tert-Butylbenzene	12	J	ug/l	25	7.0	10
Isopropylbenzene	100		ug/l	25	7.0	10
p-Isopropyltoluene	10	J	ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	57		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	74		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-09
Client ID: GW002 (9-13')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/15 02:12
Analyst: MS

Date Collected: 07/23/15 09:15
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.0	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	96		70-130

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-10
Client ID: GW003 (-12')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/15 02:49
Analyst: MS

Date Collected: 07/23/15 11:30
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
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
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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	97		70-130

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/30/15 18:19
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG807624-3					
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	0.07
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/30/15 18:19
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG807624-3					
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
Xylene (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: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/30/15 18:19
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG807624-3					
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.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
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	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	99		70-130

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/15 10:21
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,05-06 Batch: WG808390-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/15 10:21
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,05-06 Batch: WG808390-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/15 10:21
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,05-06 Batch: WG808390-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/15 10:21
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,05-06 Batch: WG808390-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04,07 Batch: WG808491-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04,07 Batch: WG808491-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04,07 Batch: WG808491-3					
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: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/15 11:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04,07 Batch: WG808491-3					
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	92		70-130
Dibromofluoromethane	99		70-130

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/03/15 11:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG808579-3					
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: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/03/15 11:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG808579-3					
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: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/03/15 11:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG808579-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/03/15 11:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG808579-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG807624-1 WG807624-2								
Methylene chloride	82		83		70-130	1		20
1,1-Dichloroethane	85		85		70-130	0		20
Chloroform	83		83		70-130	0		20
Carbon tetrachloride	93		92		63-132	1		20
1,2-Dichloropropane	88		88		70-130	0		20
Dibromochloromethane	97		98		63-130	1		20
1,1,2-Trichloroethane	101		102		70-130	1		20
Tetrachloroethene	104		105		70-130	1		20
Chlorobenzene	93		92		75-130	1		20
Trichlorofluoromethane	82		81		62-150	1		20
1,2-Dichloroethane	82		83		70-130	1		20
1,1,1-Trichloroethane	85		84		67-130	1		20
Bromodichloromethane	82		82		67-130	0		20
trans-1,3-Dichloropropene	95		96		70-130	1		20
cis-1,3-Dichloropropene	85		86		70-130	1		20
1,1-Dichloropropene	82		80		70-130	2		20
Bromoform	99		101		54-136	2		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	91		92		70-130	1		20
Toluene	92		92		70-130	0		20
Ethylbenzene	88		89		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG807624-1 WG807624-2								
Chloromethane	**53**	Q	**52**	Q	64-130	2		20
Bromomethane	66		64		39-139	3		20
Vinyl chloride	64		65		55-140	2		20
Chloroethane	88		87		55-138	1		20
1,1-Dichloroethene	88		89		61-145	1		20
trans-1,2-Dichloroethene	90		90		70-130	0		20
Trichloroethene	84		84		70-130	0		20
1,2-Dichlorobenzene	91		92		70-130	1		20
1,3-Dichlorobenzene	88		89		70-130	1		20
1,4-Dichlorobenzene	88		90		70-130	2		20
Methyl tert butyl ether	92		94		63-130	2		20
p/m-Xylene	93		93		70-130	0		20
o-Xylene	91		91		70-130	0		20
cis-1,2-Dichloroethene	88		87		70-130	1		20
Dibromomethane	92		94		70-130	2		20
1,2,3-Trichloropropane	92		98		64-130	6		20
Acrylonitrile	91		96		70-130	5		20
Styrene	94		95		70-130	1		20
Dichlorodifluoromethane	95		94		36-147	1		20
Acetone	74		81		58-148	9		20
Carbon disulfide	74		74		51-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG807624-1 WG807624-2								
2-Butanone	85		86		63-138	1		20
Vinyl acetate	**67**	Q	**66**	Q	70-130	2		20
4-Methyl-2-pentanone	86		88		59-130	2		20
2-Hexanone	73		78		57-130	7		20
Bromochloromethane	94		96		70-130	2		20
2,2-Dichloropropane	96		94		63-133	2		20
1,2-Dibromoethane	97		97		70-130	0		20
1,3-Dichloropropane	96		98		70-130	2		20
1,1,1,2-Tetrachloroethane	99		99		64-130	0		20
Bromobenzene	91		92		70-130	1		20
n-Butylbenzene	76		77		53-136	1		20
sec-Butylbenzene	82		83		70-130	1		20
tert-Butylbenzene	81		82		70-130	1		20
o-Chlorotoluene	79		81		70-130	3		20
p-Chlorotoluene	81		83		70-130	2		20
1,2-Dibromo-3-chloropropane	83		88		41-144	6		20
Hexachlorobutadiene	80		82		63-130	2		20
Isopropylbenzene	82		84		70-130	2		20
p-Isopropyltoluene	83		85		70-130	2		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	83		84		69-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG807624-1 WG807624-2								
1,2,3-Trichlorobenzene	87		92		70-130	6		20
1,2,4-Trichlorobenzene	83		86		70-130	4		20
1,3,5-Trimethylbenzene	85		85		64-130	0		20
1,2,4-Trimethylbenzene	83		84		70-130	1		20
1,4-Dioxane	142		118		56-162	18		20
p-Diethylbenzene	83		84		70-130	1		20
p-Ethyltoluene	86		87		70-130	1		20
1,2,4,5-Tetramethylbenzene	82		83		70-130	1		20
Ethyl ether	104		106		59-134	2		20
trans-1,4-Dichloro-2-butene	83		84		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		90		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	86		87		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,05-06 Batch: WG808390-1 WG808390-2								
Methylene chloride	94		94		70-130	0		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	98		102		70-130	4		30
Carbon tetrachloride	104		106		70-130	2		30
1,2-Dichloropropane	90		91		70-130	1		30
Dibromochloromethane	92		95		70-130	3		30
2-Chloroethylvinyl ether	78		74		70-130	5		30
1,1,2-Trichloroethane	98		100		70-130	2		30
Tetrachloroethene	118		114		70-130	3		30
Chlorobenzene	103		102		70-130	1		30
Trichlorofluoromethane	107		106		70-139	1		30
1,2-Dichloroethane	83		90		70-130	8		30
1,1,1-Trichloroethane	102		104		70-130	2		30
Bromodichloromethane	91		96		70-130	5		30
trans-1,3-Dichloropropene	92		96		70-130	4		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	106		104		70-130	2		30
Bromoform	94		96		70-130	2		30
1,1,2,2-Tetrachloroethane	90		89		70-130	1		30
Benzene	104		103		70-130	1		30
Toluene	101		101		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,05-06 Batch: WG808390-1 WG808390-2								
Ethylbenzene	104		103		70-130	1		30
Chloromethane	74		73		52-130	1		30
Bromomethane	96		96		57-147	0		30
Vinyl chloride	92		91		67-130	1		30
Chloroethane	94		93		50-151	1		30
1,1-Dichloroethene	113		106		65-135	6		30
trans-1,2-Dichloroethene	108		106		70-130	2		30
Trichloroethene	106		103		70-130	3		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	102		100		70-130	2		30
Methyl tert butyl ether	90		93		66-130	3		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	105		105		70-130	0		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Dibromomethane	93		96		70-130	3		30
Styrene	104		104		70-130	0		30
Dichlorodifluoromethane	101		103		30-146	2		30
Acetone	77		75		54-140	3		30
Carbon disulfide	98		95		59-130	3		30
2-Butanone	72		74		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,05-06 Batch: WG808390-1 WG808390-2								
Vinyl acetate	74		76		70-130	3		30
4-Methyl-2-pentanone	72		74		70-130	3		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	**62**	Q	**64**	Q	70-130	3		30
Bromochloromethane	105		103		70-130	2		30
2,2-Dichloropropane	99		100		70-130	1		30
1,2-Dibromoethane	96		98		70-130	2		30
1,3-Dichloropropane	96		98		69-130	2		30
1,1,1,2-Tetrachloroethane	99		102		70-130	3		30
Bromobenzene	102		99		70-130	3		30
n-Butylbenzene	105		100		70-130	5		30
sec-Butylbenzene	105		100		70-130	5		30
tert-Butylbenzene	101		98		70-130	3		30
o-Chlorotoluene	91		98		70-130	7		30
p-Chlorotoluene	98		96		70-130	2		30
1,2-Dibromo-3-chloropropane	85		86		68-130	1		30
Hexachlorobutadiene	126		119		67-130	6		30
Isopropylbenzene	107		106		70-130	1		30
p-Isopropyltoluene	103		99		70-130	4		30
Naphthalene	90		89		70-130	1		30
Acrylonitrile	71		73		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,05-06 Batch: WG808390-1 WG808390-2								
Diisopropyl Ether	76		76		66-130	0		30
Tert-Butyl Alcohol	**69**	Q	72		70-130	4		30
n-Propylbenzene	101		98		70-130	3		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	114		112		70-130	2		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
Methyl Acetate	67		70		51-146	4		30
Ethyl Acetate	**63**	Q	**65**	Q	70-130	3		30
Acrolein	**68**	Q	70		70-130	3		30
Cyclohexane	94		90		59-142	4		30
1,4-Dioxane	91		92		65-136	1		30
Freon-113	115		110		50-139	4		30
p-Diethylbenzene	110		107		70-130	3		30
p-Ethyltoluene	108		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	104		103		70-130	1		30
Tetrahydrofuran	69		70		66-130	1		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	**69**	Q	72		70-130	4		30
Methyl cyclohexane	116		110		70-130	5		30
Ethyl-Tert-Butyl-Ether	83		86		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,05-06 Batch: WG808390-1 WG808390-2								
Tertiary-Amyl Methyl Ether	92		94		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		88		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis
Batch Quality Control

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Project Number: STR1501

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04,07 Batch: WG808491-1 WG808491-2								
Methylene chloride	96		93		70-130	3		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	93		91		70-130	2		30
Dibromochloromethane	98		98		70-130	0		30
2-Chloroethylvinyl ether	81		76		70-130	6		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	117		116		70-130	1		30
Chlorobenzene	102		103		70-130	1		30
Trichlorofluoromethane	117		112		70-139	4		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	100		102		70-130	2		30
trans-1,3-Dichloropropene	98		99		70-130	1		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	109		106		70-130	3		30
Bromoform	98		97		70-130	1		30
1,1,2,2-Tetrachloroethane	90		88		70-130	2		30
Benzene	104		102		70-130	2		30
Toluene	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04,07 Batch: WG808491-1 WG808491-2								
Ethylbenzene	105		104		70-130	1		30
Chloromethane	77		76		52-130	1		30
Bromomethane	98		93		57-147	5		30
Vinyl chloride	97		94		67-130	3		30
Chloroethane	96		94		50-151	2		30
1,1-Dichloroethene	109		104		65-135	5		30
trans-1,2-Dichloroethene	105		102		70-130	3		30
Trichloroethene	108		106		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	103		102		70-130	1		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	104		101		70-130	3		30
Dibromomethane	100		98		70-130	2		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	114		107		30-146	6		30
Acetone	71		76		54-140	7		30
Carbon disulfide	98		97		59-130	1		30
2-Butanone	76		72		70-130	5		30

Lab Control Sample Analysis

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Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04,07 Batch: WG808491-1 WG808491-2								
Vinyl acetate	81		80		70-130	1		30
4-Methyl-2-pentanone	76		74		70-130	3		30
1,2,3-Trichloropropane	93		90		68-130	3		30
2-Hexanone	**67**	Q	**66**	Q	70-130	2		30
Bromochloromethane	103		102		70-130	1		30
2,2-Dichloropropane	108		105		70-130	3		30
1,2-Dibromoethane	99		98		70-130	1		30
1,3-Dichloropropane	100		99		69-130	1		30
1,1,1,2-Tetrachloroethane	102		105		70-130	3		30
Bromobenzene	98		98		70-130	0		30
n-Butylbenzene	104		103		70-130	1		30
sec-Butylbenzene	103		100		70-130	3		30
tert-Butylbenzene	100		98		70-130	2		30
o-Chlorotoluene	101		89		70-130	13		30
p-Chlorotoluene	99		97		70-130	2		30
1,2-Dibromo-3-chloropropane	89		86		68-130	3		30
Hexachlorobutadiene	123		120		67-130	2		30
Isopropylbenzene	109		107		70-130	2		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	91		89		70-130	2		30
Acrylonitrile	74		72		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04,07 Batch: WG808491-1 WG808491-2								
Diisopropyl Ether	80		79		66-130	1		30
Tert-Butyl Alcohol	76		70		70-130	8		30
n-Propylbenzene	99		98		70-130	1		30
1,2,3-Trichlorobenzene	110		110		70-130	0		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	100		99		70-130	1		30
1,2,4-Trimethylbenzene	99		98		70-130	1		30
Methyl Acetate	74		71		51-146	4		30
Ethyl Acetate	**69**	Q	**64**	Q	70-130	8		30
Acrolein	72		**67**	Q	70-130	7		30
Cyclohexane	93		89		59-142	4		30
1,4-Dioxane	91		86		65-136	6		30
Freon-113	115		109		50-139	5		30
p-Diethylbenzene	114		111		70-130	3		30
p-Ethyltoluene	111		110		70-130	1		30
1,2,4,5-Tetramethylbenzene	110		109		70-130	1		30
Tetrahydrofuran	67		71		66-130	6		30
Ethyl ether	97		98		67-130	1		30
trans-1,4-Dichloro-2-butene	77		76		70-130	1		30
Methyl cyclohexane	114		108		70-130	5		30
Ethyl-Tert-Butyl-Ether	89		89		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

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Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04,07 Batch: WG808491-1 WG808491-2								
Tertiary-Amyl Methyl Ether	98		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	91		92		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG808579-1 WG808579-2								
Methylene chloride	96		102		70-130	6		30
1,1-Dichloroethane	96		108		70-130	12		30
Chloroform	101		110		70-130	9		30
Carbon tetrachloride	106		**136**	Q	70-130	25		30
1,2-Dichloropropane	94		100		70-130	6		30
Dibromochloromethane	108		108		70-130	0		30
2-Chloroethylvinyl ether	114		112		70-130	2		30
1,1,2-Trichloroethane	101		101		70-130	0		30
Tetrachloroethene	98		120		70-130	20		30
Chlorobenzene	97		102		70-130	5		30
Trichlorofluoromethane	133		**178**	Q	70-139	29		30
1,2-Dichloroethane	109		112		70-130	3		30
1,1,1-Trichloroethane	99		127		70-130	25		30
Bromodichloromethane	102		108		70-130	6		30
trans-1,3-Dichloropropene	114		115		70-130	1		30
cis-1,3-Dichloropropene	102		105		70-130	3		30
1,1-Dichloropropene	90		116		70-130	25		30
Bromoform	104		103		70-130	1		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	94		106		70-130	12		30
Toluene	94		106		70-130	12		30

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG808579-1 WG808579-2								
Ethylbenzene	98		112		70-130	13		30
Chloromethane	94		113		52-130	18		30
Bromomethane	128		145		57-147	12		30
Vinyl chloride	91		118		67-130	26		30
Chloroethane	130		**160**	Q	50-151	21		30
1,1-Dichloroethene	91		118		65-135	26		30
trans-1,2-Dichloroethene	91		109		70-130	18		30
Trichloroethene	91		107		70-130	16		30
1,2-Dichlorobenzene	105		109		70-130	4		30
1,3-Dichlorobenzene	104		109		70-130	5		30
1,4-Dichlorobenzene	103		107		70-130	4		30
Methyl tert butyl ether	96		98		66-130	2		30
p/m-Xylene	100		111		70-130	10		30
o-Xylene	102		109		70-130	7		30
cis-1,2-Dichloroethene	93		102		70-130	9		30
Dibromomethane	101		103		70-130	2		30
Styrene	99		105		70-130	6		30
Dichlorodifluoromethane	106		141		30-146	28		30
Acetone	87		102		54-140	16		30
Carbon disulfide	71		91		59-130	25		30
2-Butanone	85		87		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

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Project Number: STR1501

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG808579-1 WG808579-2								
Vinyl acetate	118		117		70-130	1		30
4-Methyl-2-pentanone	80		83		70-130	4		30
1,2,3-Trichloropropane	100		98		68-130	2		30
2-Hexanone	89		92		70-130	3		30
Bromochloromethane	98		102		70-130	4		30
2,2-Dichloropropane	106		**131**	Q	70-130	21		30
1,2-Dibromoethane	104		103		70-130	1		30
1,3-Dichloropropane	105		104		69-130	1		30
1,1,1,2-Tetrachloroethane	106		111		70-130	5		30
Bromobenzene	102		108		70-130	6		30
n-Butylbenzene	97		116		70-130	18		30
sec-Butylbenzene	99		120		70-130	19		30
tert-Butylbenzene	99		117		70-130	17		30
o-Chlorotoluene	104		115		70-130	10		30
p-Chlorotoluene	102		112		70-130	9		30
1,2-Dibromo-3-chloropropane	95		98		68-130	3		30
Hexachlorobutadiene	96		125		67-130	26		30
Isopropylbenzene	100		118		70-130	17		30
p-Isopropyltoluene	102		121		70-130	17		30
Naphthalene	90		90		70-130	0		30
Acrylonitrile	79		78		70-130	1		30

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Lab Number: L1517161
Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG808579-1 WG808579-2								
Diisopropyl Ether	96		99		66-130	3		30
Tert-Butyl Alcohol	84		87		70-130	4		30
n-Propylbenzene	97		115		70-130	17		30
1,2,3-Trichlorobenzene	93		101		70-130	8		30
1,2,4-Trichlorobenzene	97		104		70-130	7		30
1,3,5-Trimethylbenzene	102		116		70-130	13		30
1,2,4-Trimethylbenzene	104		115		70-130	10		30
Methyl Acetate	91		92		51-146	1		30
Ethyl Acetate	94		94		70-130	0		30
Acrolein	79		77		70-130	3		30
Cyclohexane	75		99		59-142	28		30
1,4-Dioxane	76		77		65-136	1		30
Freon-113	90		123		50-139	**31**	Q	30
p-Diethylbenzene	94		110		70-130	16		30
p-Ethyltoluene	99		115		70-130	15		30
1,2,4,5-Tetramethylbenzene	101		108		70-130	7		30
Tetrahydrofuran	81		86		66-130	6		30
Ethyl ether	95		100		67-130	5		30
trans-1,4-Dichloro-2-butene	110		112		70-130	2		30
Methyl cyclohexane	77		102		70-130	28		30
Ethyl-Tert-Butyl-Ether	100		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG808579-1 WG808579-2								
Tertiary-Amyl Methyl Ether	102		101		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		108		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	96		99		70-130
Dibromofluoromethane	91		94		70-130

SEMIVOLATILES

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-01 D
Client ID: SB002 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 16:01
Analyst: JB
Percent Solids: 82%

Date Collected: 07/23/15 08:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	320	83.	2
Fluoranthene	140	J	ug/kg	240	74.	2
Naphthalene	240	J	ug/kg	400	130	2
Benzo(a)anthracene	100	J	ug/kg	240	79.	2
Benzo(a)pyrene	230	J	ug/kg	320	98.	2
Benzo(b)fluoranthene	250		ug/kg	240	81.	2
Benzo(k)fluoranthene	ND		ug/kg	240	77.	2
Chrysene	130	J	ug/kg	240	79.	2
Acenaphthylene	84	J	ug/kg	320	75.	2
Anthracene	94	J	ug/kg	240	67.	2
Benzo(ghi)perylene	280	J	ug/kg	320	84.	2
Fluorene	ND		ug/kg	400	120	2
Phenanthrene	170	J	ug/kg	240	78.	2
Dibenzo(a,h)anthracene	ND		ug/kg	240	78.	2
Indeno(1,2,3-cd)pyrene	280	J	ug/kg	320	89.	2
Pyrene	ND		ug/kg	240	78.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	90		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-02 D
Client ID: SB004 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 16:26
Analyst: JB
Percent Solids: 88%

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	690		ug/kg	300	76.	2
Fluoranthene	9000		ug/kg	220	68.	2
Naphthalene	11000		ug/kg	370	120	2
Benzo(a)anthracene	4200		ug/kg	220	72.	2
Benzo(a)pyrene	2800		ug/kg	300	90.	2
Benzo(b)fluoranthene	3700		ug/kg	220	74.	2
Benzo(k)fluoranthene	1700		ug/kg	220	70.	2
Chrysene	4000		ug/kg	220	72.	2
Acenaphthylene	ND		ug/kg	300	69.	2
Anthracene	2100		ug/kg	220	61.	2
Benzo(ghi)perylene	1700		ug/kg	300	77.	2
Fluorene	1400		ug/kg	370	100	2
Phenanthrene	8700		ug/kg	220	72.	2
Dibenzo(a,h)anthracene	570		ug/kg	220	71.	2
Indeno(1,2,3-cd)pyrene	1900		ug/kg	300	82.	2
Pyrene	7000		ug/kg	220	72.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	83		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-03
Client ID: SB005 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 16:51
Analyst: JB
Percent Solids: 93%

Date Collected: 07/23/15 10:30
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Fluoranthene	110		ug/kg	110	33.	1
Naphthalene	ND		ug/kg	180	59.	1
Benzo(a)anthracene	64	J	ug/kg	110	35.	1
Benzo(a)pyrene	120	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	130		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	73	J	ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	83	J	ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	86	J	ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	39.	1
Pyrene	95	J	ug/kg	110	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	80		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-04 D
Client ID: SB006 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 17:16
Analyst: JB
Percent Solids: 85%

Date Collected: 07/23/15 11:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	780	200	5
Fluoranthene	430	J	ug/kg	580	180	5
Naphthalene	ND		ug/kg	970	320	5
Benzo(a)anthracene	360	J	ug/kg	580	190	5
Benzo(a)pyrene	770	J	ug/kg	780	240	5
Benzo(b)fluoranthene	810		ug/kg	580	200	5
Benzo(k)fluoranthene	ND		ug/kg	580	180	5
Chrysene	380	J	ug/kg	580	190	5
Acenaphthylene	310	J	ug/kg	780	180	5
Anthracene	220	J	ug/kg	580	160	5
Benzo(ghi)perylene	640	J	ug/kg	780	200	5
Fluorene	ND		ug/kg	970	280	5
Phenanthrene	210	J	ug/kg	580	190	5
Dibenzo(a,h)anthracene	400	J	ug/kg	580	190	5
Indeno(1,2,3-cd)pyrene	800		ug/kg	780	220	5
Pyrene	690		ug/kg	580	190	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	66		18-120

Project Name: 60 ALEXANDER ST. **Lab Number:** L1517161

Project Number: STR1501 **Report Date:** 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-05 D
Client ID: SB008 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 17:42
Analyst: JB
Percent Solids: 86%

Date Collected: 07/23/15 12:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	310	79.	2
Fluoranthene	880		ug/kg	230	70.	2
Naphthalene	ND		ug/kg	380	130	2
Benzo(a)anthracene	490		ug/kg	230	75.	2
Benzo(a)pyrene	520		ug/kg	310	94.	2
Benzo(b)fluoranthene	550		ug/kg	230	77.	2
Benzo(k)fluoranthene	210	J	ug/kg	230	73.	2
Chrysene	460		ug/kg	230	75.	2
Acenaphthylene	ND		ug/kg	310	72.	2
Anthracene	120	J	ug/kg	230	64.	2
Benzo(ghi)perylene	360		ug/kg	310	80.	2
Fluorene	ND		ug/kg	380	110	2
Phenanthrene	500		ug/kg	230	75.	2
Dibenzo(a,h)anthracene	170	J	ug/kg	230	74.	2
Indeno(1,2,3-cd)pyrene	450		ug/kg	310	85.	2
Pyrene	790		ug/kg	230	74.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	70		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-06
Client ID: SB009 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 18:07
Analyst: JB
Percent Solids: 91%

Date Collected: 07/23/15 12:30
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Fluoranthene	93	J	ug/kg	110	33.	1
Naphthalene	ND		ug/kg	180	60.	1
Benzo(a)anthracene	75	J	ug/kg	110	35.	1
Benzo(a)pyrene	130	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	150		ug/kg	110	36.	1
Benzo(k)fluoranthene	38	J	ug/kg	110	34.	1
Chrysene	90	J	ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	140	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	86	J	ug/kg	140	38.	1
Fluorene	ND		ug/kg	180	52.	1
Phenanthrene	58	J	ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	40.	1
Pyrene	83	J	ug/kg	110	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	70		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-07
Client ID: SB010 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/01/15 18:32
Analyst: JB
Percent Solids: 77%

Date Collected: 07/23/15 13:50
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	170	45.	1
Fluoranthene	1700		ug/kg	130	40.	1
Naphthalene	410		ug/kg	220	72.	1
Benzo(a)anthracene	840		ug/kg	130	42.	1
Benzo(a)pyrene	680		ug/kg	170	53.	1
Benzo(b)fluoranthene	790		ug/kg	130	44.	1
Benzo(k)fluoranthene	290		ug/kg	130	41.	1
Chrysene	780		ug/kg	130	42.	1
Acenaphthylene	83	J	ug/kg	170	40.	1
Anthracene	340		ug/kg	130	36.	1
Benzo(ghi)perylene	410		ug/kg	170	45.	1
Fluorene	190	J	ug/kg	220	62.	1
Phenanthrene	1300		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	150		ug/kg	130	42.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	170	48.	1
Pyrene	1400		ug/kg	130	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	69		18-120

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-08
Client ID: GW001 (7-10')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/29/15 12:25
Analyst: MW

Date Collected: 07/23/15 08:10
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/29/15 03:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.32		ug/l	0.20	0.04	1
Fluoranthene	0.40		ug/l	0.20	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.09	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	0.09	J	ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	0.12	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.17	J	ug/l	0.20	0.04	1
Phenanthrene	0.56		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.36		ug/l	0.20	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	102		15-120
4-Terphenyl-d14	75		41-149

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-09
Client ID: GW002 (9-13')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/29/15 12:55
Analyst: MW

Date Collected: 07/23/15 09:15
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/29/15 03:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.07	J	ug/l	0.20	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.07	J	ug/l	0.20	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	73		41-149

Project Name: 60 ALEXANDER ST.
Lab Number: L1517161
Project Number: STR1501
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-10
Client ID: GW003 (-12')
Sample Location: YONKERS, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/29/15 14:25
Analyst: MW

Date Collected: 07/23/15 11:30
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/29/15 03:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.26		ug/l	0.20	0.04	1
Fluoranthene	0.20		ug/l	0.20	0.04	1
Naphthalene	0.18	J	ug/l	0.20	0.04	1
Benzo(a)anthracene	0.09	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.11	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.14	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.20	0.04	1
Chrysene	0.11	J	ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	0.10	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	0.07	J	ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.25		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.20	0.04	1
Pyrene	0.18	J	ug/l	0.20	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	71		15-120
4-Terphenyl-d14	71		41-149

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/29/15 09:57
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 07/29/15 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-10 Batch: WG806893-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/29/15 09:57
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 07/29/15 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-10 Batch: WG806893-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	47		41-149

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG807586-1					
Acenaphthene	ND		ug/kg	130	34.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	330	53.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	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	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG807586-1					
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
Aniline	ND		ug/kg	200	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG807586-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	650	58.
Parathion, ethyl	ND		ug/kg	160	65.
1-Methylnaphthalene	ND		ug/kg	160	49.

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/15 13:30
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/30/15 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG807586-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-10 Batch: WG806893-2 WG806893-3								
Acenaphthene	75		63		37-111	17		40
2-Chloronaphthalene	68		63		40-140	8		40
Fluoranthene	79		70		40-140	12		40
Hexachlorobutadiene	64		57		40-140	12		40
Naphthalene	68		59		40-140	14		40
Benzo(a)anthracene	86		75		40-140	14		40
Benzo(a)pyrene	82		71		40-140	14		40
Benzo(b)fluoranthene	86		74		40-140	15		40
Benzo(k)fluoranthene	75		65		40-140	14		40
Chrysene	80		68		40-140	16		40
Acenaphthylene	75		68		40-140	10		40
Anthracene	79		68		40-140	15		40
Benzo(ghi)perylene	77		68		40-140	12		40
Fluorene	79		67		40-140	16		40
Phenanthrene	76		66		40-140	14		40
Dibenzo(a,h)anthracene	81		69		40-140	16		40
Indeno(1,2,3-cd)Pyrene	82		71		40-140	14		40
Pyrene	82		70		26-127	16		40
2-Methylnaphthalene	68		61		40-140	11		40
Pentachlorophenol	75		66		9-103	13		40
Hexachlorobenzene	82		70		40-140	16		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-10 Batch: WG806893-2 WG806893-3								
Hexachloroethane	69		53		40-140	26		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		36		21-120
Phenol-d6	38		29		10-120
Nitrobenzene-d5	78		58		23-120
2-Fluorobiphenyl	80		69		15-120
2,4,6-Tribromophenol	94		73		10-120
4-Terphenyl-d14	88		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG807586-2 WG807586-3								
Acenaphthene	86		87		31-137	1		50
Benzidine	44		45		10-66	2		50
n-Nitrosodimethylamine	81		82		22-100	1		50
1,2,4-Trichlorobenzene	77		79		38-107	3		50
Hexachlorobenzene	83		85		40-140	2		50
Bis(2-chloroethyl)ether	79		82		40-140	4		50
2-Chloronaphthalene	83		86		40-140	4		50
1,2-Dichlorobenzene	75		77		40-140	3		50
1,3-Dichlorobenzene	75		76		40-140	1		50
1,4-Dichlorobenzene	77		77		28-104	0		50
3,3'-Dichlorobenzidine	72		77		40-140	7		50
2,4-Dinitrotoluene	88		**91**	Q	28-89	3		50
2,6-Dinitrotoluene	100		103		40-140	3		50
Fluoranthene	96		98		40-140	2		50
4-Chlorophenyl phenyl ether	84		84		40-140	0		50
4-Bromophenyl phenyl ether	90		90		40-140	0		50
Azobenzene	96		96		40-140	0		50
Bis(2-chloroisopropyl)ether	82		83		40-140	1		50
Bis(2-chloroethoxy)methane	84		86		40-117	2		50
Hexachlorobutadiene	75		77		40-140	3		50
Hexachlorocyclopentadiene	81		84		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG807586-2 WG807586-3								
Hexachloroethane	77		78		40-140	1		50
Isophorone	98		100		40-140	2		50
Naphthalene	80		82		40-140	2		50
Nitrobenzene	88		91		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		94		36-157	1		50
n-Nitrosodi-n-propylamine	99		101		32-121	2		50
Bis(2-Ethylhexyl)phthalate	96		98		40-140	2		50
Butyl benzyl phthalate	96		97		40-140	1		50
Di-n-butylphthalate	95		96		40-140	1		50
Di-n-octylphthalate	104		106		40-140	2		50
Diethyl phthalate	98		99		40-140	1		50
Dimethyl phthalate	91		93		40-140	2		50
Benzo(a)anthracene	100		102		40-140	2		50
Benzo(a)pyrene	84		86		40-140	2		50
Benzo(b)fluoranthene	79		82		40-140	4		50
Benzo(k)fluoranthene	89		91		40-140	2		50
Chrysene	85		86		40-140	1		50
Acenaphthylene	90		94		40-140	4		50
Anthracene	98		100		40-140	2		50
Benzo(ghi)perylene	82		84		40-140	2		50
Fluorene	89		90		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG807586-2 WG807586-3								
Phenanthrene	85		86		40-140	1		50
Dibenzo(a,h)anthracene	82		84		40-140	2		50
Indeno(1,2,3-cd)Pyrene	84		86		40-140	2		50
Pyrene	93		95		35-142	2		50
Biphenyl	92		93		54-104	1		50
Aniline	62		64		40-140	3		50
4-Chloroaniline	82		81		40-140	1		50
2-Nitroaniline	92		95		47-134	3		50
3-Nitroaniline	84		84		26-129	0		50
4-Nitroaniline	94		96		41-125	2		50
Dibenzofuran	85		86		40-140	1		50
2-Methylnaphthalene	83		86		40-140	4		50
1,2,4,5-Tetrachlorobenzene	87		88		40-117	1		50
Acetophenone	73		74		14-144	1		50
2,4,6-Trichlorophenol	86		88		30-130	2		50
P-Chloro-M-Cresol	100		103		26-103	3		50
2-Chlorophenol	90		91		25-102	1		50
2,4-Dichlorophenol	95		97		30-130	2		50
2,4-Dimethylphenol	90		92		30-130	2		50
2-Nitrophenol	96		98		30-130	2		50
4-Nitrophenol	93		96		11-114	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG807586-2 WG807586-3								
2,4-Dinitrophenol	84		86		4-130	2		50
4,6-Dinitro-o-cresol	89		90		10-130	1		50
Pentachlorophenol	93		94		17-109	1		50
Phenol	83		85		26-90	2		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	92		95		30-130	3		50
2,4,5-Trichlorophenol	90		93		30-130	3		50
Benzoic Acid	66		**70**	Q	10-66	6		50
Benzyl Alcohol	95		96		40-140	1		50
Carbazole	97		99		54-128	2		50
Benzaldehyde	82		83		40-140	1		50
Caprolactam	83		82		15-130	1		50
Atrazine	94		97		40-140	3		50
2,3,4,6-Tetrachlorophenol	90		92		40-140	2		50
Pyridine	51		52		10-93	2		50
Parathion, ethyl	121		128		40-140	6		50
1-Methylnaphthalene	78		81		26-130	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 60 ALEXANDER ST.

Project Number: STR1501

Lab Number: L1517161

Report Date: 08/03/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG807586-2 WG807586-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		89		25-120
Phenol-d6	90		90		10-120
Nitrobenzene-d5	90		89		23-120
2-Fluorobiphenyl	80		82		30-120
2,4,6-Tribromophenol	85		87		10-136
4-Terphenyl-d14	86		86		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-01
Client ID: SB002 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 08:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-02
Client ID: SB004 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-03
Client ID: SB005 (2.5-5)
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 07/23/15 10:30
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-04
Client ID: SB006 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 11:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-05
Client ID: SB008 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 07/23/15 12:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501
Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-06
Client ID: SB009 (0-2.5)
Sample Location: YONKERS, NY
Matrix: Soil
Date Collected: 07/23/15 12:30
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

SAMPLE RESULTS

Lab ID: L1517161-07
Client ID: SB010 (5-7.5)
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 07/23/15 13:50
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	07/28/15 21:29	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG806822-1 QC Sample: L1517155-01 Client ID: DUP Sample						
Solids, Total	85.9	86.8	%	1		20

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/24/2015 02:58

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517161-01A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-01B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-01C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-01D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-01E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-02A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-02B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-02C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-02D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-02E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-03A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-03B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-03C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-03D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-03E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-04A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-04B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-04C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-04D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-04E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-05A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-05B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-05C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-05D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-05E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-06A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 60 ALEXANDER ST.
Project Number: STR1501

Lab Number: L1517161
Report Date: 08/03/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517161-06B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-06C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-06D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-06E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-07A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-07B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-07C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1517161-07D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1517161-07E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14)
L1517161-08A	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-08B	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-08C	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-08D	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)
L1517161-08E	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)
L1517161-09A	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-09B	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-09C	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-09D	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)
L1517161-09E	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)
L1517161-10A	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-10B	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-10C	Vial HCl preserved	B	N/A	5.8	Y	Absent	NYTCL-8260(14)
L1517161-10D	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)
L1517161-10E	Amber 1000ml unpreserved	B	7	5.8	Y	Absent	NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517161
Project Number:	STR1501	**Report Date:**	08/03/15

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.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

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.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517161
Project Number:	STR1501	**Report Date:**	08/03/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	60 ALEXANDER ST.	**Lab Number:**	L1517161
Project Number:	STR1501	**Report Date:**	08/03/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised 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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 2

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517161

Client Information

Client: PW Grosser Consulting
Address: 630 Johnson Ave
Johnson Ave Bohemia, NY
Phone: 631-589-6353
Fax:
Email: Jennifer.Lewis@PWGrosser.com

Project Information

Project Name: 60 Alexander St
Project Location: Yonkers, NY
Project #: STR1501
(Use Project name as Project #) ☐
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
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 #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	TAL Metals	PCB/Pest	VOC (CP-51)	SVOC (CP-51)	Total Bottle	Sample Specific Comments
	SB001 (5-7.5)	7/23/15	8:00	S	RM	X	X	X	X				
17161 - 01	SB002 (2.5-5)		8:46							X	X		
	SB003 (4-6)		9:10			X	X	X	X				
02	SB004 (2.5-5)		9:40							X	X		
03	SB005 (2.5-5)		10:30							X	X		
04	SB006 (0-2.5)		11:00							X	X		
	SB007 (0-2.5)		11:20		U	X	X	X	X				
05	SB008 (5-7.5)	U	12:00							X	X		
06	SB009 (0-2.5)		12:30	V						X	X		
07	SB010 (5-7.5)		13:50							X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/23/15 14:00	David Hallal (AAL)	7/23/15 14:00
David Hallal (AAL)	7/23/15 1820	Tom Tobin	7/23-15 1820
Tom Tobin	7/24/15 0020	John Lee AAL	7/24/15 0020

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)

ALPHA ANALYTICAL

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

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517161

Client Information
Client: PW Grosser Consultancy
Address:
Phone:
Fax:
Email:

Project Information
Project Name:
Project Location:
Project # STR1501
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
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 #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	TAL Metals	PCB/Pest	VOC (CP-51)	SVOC (CP-51)	Total Bottle	Sample Specific Comments
7161 -08	GW001 (7-10')	7/23/15	8:10	GW	RM					X	X		
09	GW002 (9-13')	"	9:15	"						X	X		
10	GW003 (8-12')	"	11:30	"						X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

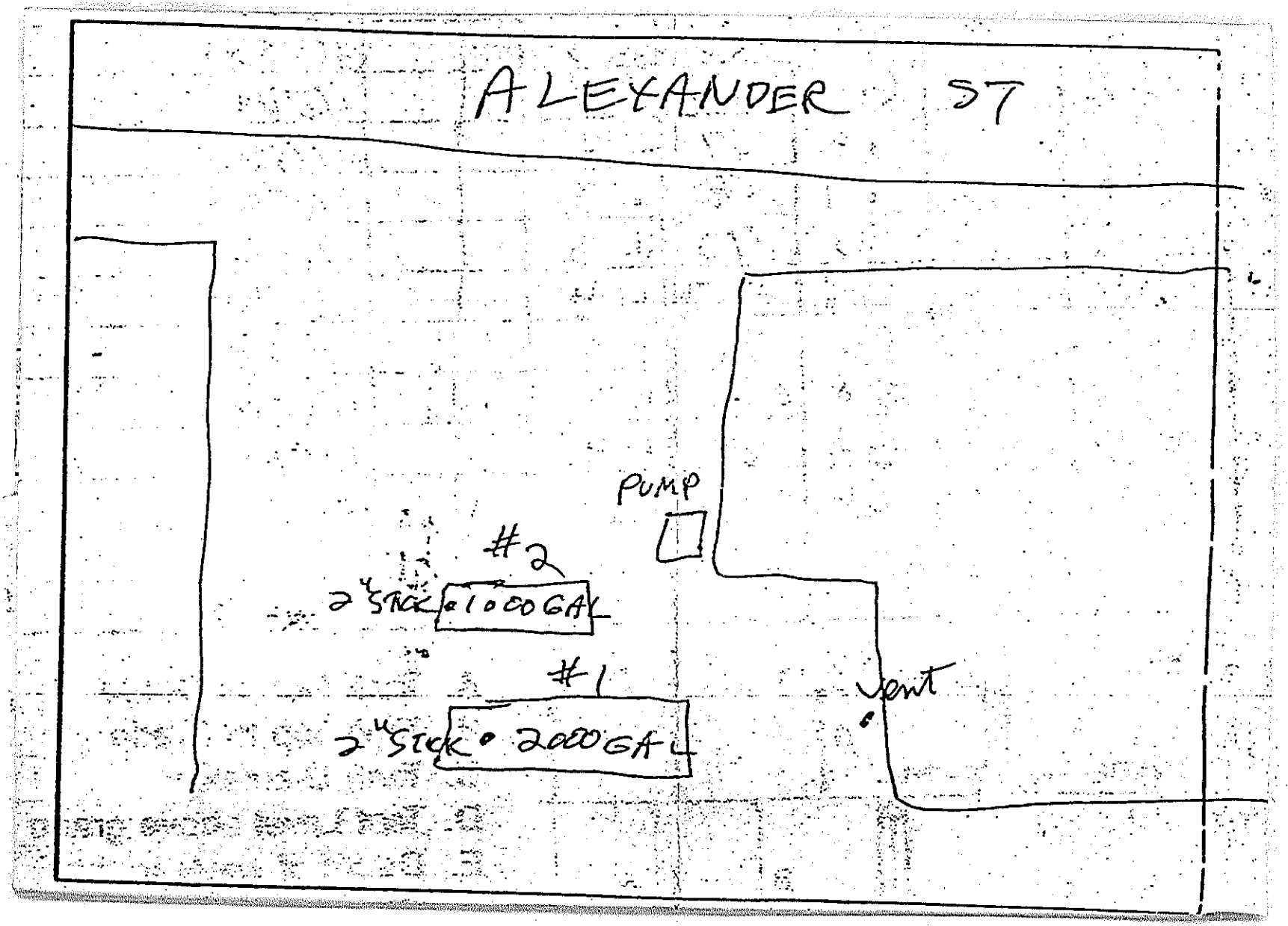
Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/23/15 14:00	Dan Hallock (AAL)	7/23/15 14:00
Dan Hallock (AAL)	7/23/15 1820	Tom Tobin	7-25-15 1820
Tom Tobin	7-23-15 0020		7/24/15 0020

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)

APPENDIX E
POST INVESTIGATION DOCUMENTATION


ALEXANDER ST
PUMP
#2
2" STCK • 1000 GAL
#1
2" STCK • 2000 GAL
VENT

J.D.M. MAINTENANCE, INC.

No. 3068

P.O. BOX 39
HAWTHORNE, NY 10532
(914) 906-9237

INVOICE

BILL TO: ROLLING V BUS CORP

ADDRESS: 60 ALEXANDER ST.

CITY, STATE, ZIP: YONKERS, N.Y.

PHONE:

DATE: 9-19-15

- DRAIN SNAKING & INSPECTION
SNAKED 2 FLOOR DRAINS, 1 ROOF DRAIN, & SEWER MAIN (STORM)
DYE TESTED DRAINS, ALL RAN THROUGH STORM MAIN TRAP
DO NOT CONNECT TO SANITARY
RAN CAMERA FROM STORM TRAP - OUT 75'
- CONFIDENT LINE CONNECTS TO CITY STORM MAIN

525.00
TX 46.59
$571.59

J.D.M. MAINTENANCE, INC. WILL NOT BE HELD LIABLE FOR ANY DAMAGE INCURRED WHILE IN THE PROCESS OF CLEANING ANY SEWER OR DRAIN.

FIRST ENVIRONMENT

ISO 14001 Certified Facility
90 Riverdale Road
Riverdale, New Jersey 07457
(973) 616-9700 • FAX (973) 616-1930

October 21, 1998

Mr. Warren J. Schwartz
Supertrans NY, Inc.
60 Alexander Street
Yonkers, NY 10701

Re: Storage Tank Scope of Work and Cost Estimate

Dear Warren:

As requested during our site walk on Friday, October 2, 1998, First Environment is pleased to submit the following proposal to remove one 1,000-gallon (diesel), underground storage tank and to upgrade one 2,000-gallon diesel tank at your Yonkers, New York facility. The removal, closure and upgrade of these tanks will comply with the upcoming EPA December 22, 1998 regulation requirements.

First Environment has outlined below our proposed scope of work and cost estimate to complete the tank removal and upgrade activities. As discussed during our meeting, the costs associated with each tank are described separately. All activities associated with the tank activities will be conducted in accordance with applicable federal, state, and local government regulations.

TASK 1 - 1,000-GALLON DIESEL UST REMOVAL

SCOPE OF WORK

The following activities will be conducted as part of the underground storage tank removal process.

- All work will be performed in accordance with the appropriate industry standard, American Petroleum Institute publication API 1604; ANSI, NFPA and all other applicable government regulations;
- Acquisition of all required permits including notification for the appropriate oversight authority;
- Soil sampling below the tank invert;

- Overseeing the activities required to ensure proper closure of the tank including tank excavation, cleaning, safety monitoring, backfilling, asphalting and site restoration;

- Preparing the required closure documentation.

Upon receipt of the required state and or local permits, the following tank decommissioning procedures and other tank related activities will be employed at the site.

TANK DECOMMISSIONING PROCEDURES

Upon receipt of all permits and approvals, the underground storage tank will be scheduled for removal. Tank decommissioning will be implemented following the appropriate industry standards, as stated above. The tank decommissioning procedures are described below.

TANK PREPARATION

Prior to excavation, the following activities will be performed:

- Underground utilities will be identified by knowledgeable persons.

- Before initiating work in the tank area, a monitor will be used to assess vapor and oxygen concentrations in the work area and tanks.

- All material transfer piping will be drained, cut and plugged with an impermeable material, or capped to avoid any spillage.

- Related petroleum products and/or sludge in the tank will be pumped out and containerized for proper off-site disposal or recycling. (Unit prices for such liquids are described in the cost estimate). It is advantageous for you to have as much product pumped out of the tank prior to the decommissioning activities in order to avoid necessary disposal charges

TANK REMOVAL PROCEDURES

The following tank removal procedures will be conducted:

- After removing or disconnecting the transfer piping, the soils around the tank will be excavated.

- The excavation will conform to the applicable trenching and shoring requirements.

- Upon removal, the tank will be placed on plastic and secured prior to inspection and cleaning.

- The tank will be labeled after removal from the ground and before removal from the site.

- The tank will be removed from the site as promptly as possible.

SAMPLING AND ANALYSIS

First Environment will field screen all excavated soil with a portable photoionization detector to evaluate potential soil contamination. In accordance with NYDEC regulations, a minimum of one post excavation soil sample is required to be collected from the tank excavation and submitted to a certified laboratory for analysis. Additional samples may need to be collected if contamination is encountered. Each soil sample is required to be analyzed for both volatile organics (VO + 10) and semi-volatile organics (BN + 15) via NYDEC methods Stars 8021 and Stars 8270 respectively.

TANK REMOVAL/CLOSURE REPORTING

First Environment will perform the oversight and reporting activities described below. This estimate shown below includes: certified oversight during the pipeline removal, tank excavation, degassing, inerting, cleaning, removal, soil sampling and site restoration. Site restoration will consist of backfilling each excavation to grade with clean material and re-surfacing to the existing condition.

Soils will be sampled by a certified subsurface evaluator at each tank location, soil samples will be submitted to a certified laboratory for analyses as required. Upon receipt of the laboratory analytical results, First Environment will prepare a report of results for submission to Supertrans NY, Inc. and the NYDEC. The report will include the tank size, location on the property, date of closure, methods of closure, name of removal contractor and sampling results as required. The tank removal activities will also be photo-documented and provided in the closure report.

COST ESTIMATE

Costs provided below assume contamination is not present and all soil and groundwater encountered is not impacted by Petroleum. Providing such contamination is discovered sampling and soil disposal costs may be subject to change. Any deviations to this cost estimate described below will be discussed with Supertrans NY, Inc. prior to initiation.

Cost:	Tank Removal Activities:	$4,570
	Laboratory Analysis:	
	One Sample at $245	$ 245
	Report Preparation:	$ 770
Total:		$5,585
Site Restoration of Concrete:		
	(Up to 150 sq. ft.)	$1,350
Site Restoration of Asphalt:		
	(Up to 350 sq. ft.)	$1,100

TASK 2 - 2,000-GALLON DIESEL UST UPGRADE

Option A

First Environment will perform the oversight and reporting activities described below: The estimate shown includes: the retro-fitting of the tank and piping with cathodic protection, the installation of a 5-gallon bucket surrounding the fill pipe, the installation of a Pneumercator TMS-2000 tank gauge (leak detection) system and a high-level alarm (overfill protection). Also, an electric line will be installed to connect the TMS system with the subject facility.

Costs:	Tank upgrade activities	$23,825
	Installation of a concrete mat over tank (6'x16'x6")	$ 1,080

Option B

The estimate shown below includes: the replacement of the existing 2,000-gallon UST with a new 2,000-gallon Elutron tank and new product piping to the existing dispenser, the installation of one piping containment sump, the installation of one 5-gallon spill bucket, the installation of a Pneumercator TMS-2000 tank gauge (leak detection) system and a high-level alarm (overfill protection). An electric line will also be installed to connect the TMS system with the subject facility.

Costs:		$37,525

This price is based on the installation taking two days. If conditions arise that cause the installation to extend past two days, additional costs may be incurred.

Additional unit costs not included in the estimate above:

1.	Removal and disposal of pumpable water and/or product	
	Vac truck	$100.00/hour
	Disposal (heating oil)	$ .95/gallon
	Disposal (gasoline)	$ 1.95/gallon
2.	Removal and disposal of tank sludge	$275.00/drum
3.	Additional fill material	$ 30.00/ton
4.	Additional excavation due to contamination	$ 25.00/ton
5.	Permits	At cost
6.	Engineering drawings (for UST installation only) (Cost range is approximate depending on depth of drawing required.)	$1,500-$2,500

PROJECT EXPERIENCE

First Environment has considerable experience with underground storage tank removals, closures, installations, and upgrades. We have recently completed a number tank projects in the east and mid-west of the United States. These include: Latham (Albany), Kingston, New York, and Indianapolis, Indiana. In addition, we have on-going projects throughout the country, and have contracts with Exxon, Chevron the Goodyear Tire and Rubber Company and Alliant Foodservices for underground tank investigations, removals and remediation at retail service stations, petroleum terminals, and food distribution centers. We also have considerable experience in addressing underground storage tanks at trucking and distribution centers having completed projects for Carretta Trucking, PIE, Frozen Foods Express and Hermans Sporting Goods.

SCHEDULE

Upon receipt of Supertrans NY, Inc.'s authorization to proceed, First Environment can initiate activities related within two weeks, although the scheduling of the on-site removal and upgrade activities depends on contractor availability.

CERTIFICATIONS AND INSURANCE

First Environment maintains professional liability, statutory worker's compensation insurance, automobile liability insurance covering bodily injury up to $1,000,000 per occurrence and property damage up to $500,000 per occurrence, and comprehensive general liability insurance up to $1,000,000 per occurrence.

PAYMENT TERMS

1.	Due along with receipt of signed proposal	10%
2.	Due upon site mobilization	25%
3.	Due 15 days following completion of on-site activities	65%

We trust that this scope of work and cost estimate for the tank removal, closure, and upgrade is in accordance with your request. If you have any questions, please do not hesitate to call. We look forward to working with you to complete this project.

Very truly yours,

FIRST ENVIRONMENT, INC.

Corey S. Nachshen
Senior Staff Engineer

cc: T. Bambrick, P.G.
G. J. Kehrberger, Ph.D., P.E.

NATIONAL
ENVIRONMENTAL
SPECIALISTS INC.

April 6, 1999

Mr. Ed Muto
E.M. Equities, Inc.
60 Alexander Street
Yonkers, NY 10701

RE: PBS# 3-600863

Dear Mr. Muto:

This is to inform you that all requirements to meet the Westchester County and EPA regulations regarding underground storage tanks (UST) have been met.

This was done by installing overfill protection with a vent alarm. Overspill protection was done with a five- (5) gallon spill bucket installed around the fill pipe. The suction line to the pump was replaced with non-metallic piping, using total containment primary and secondary piping. The leak detection of the interstitial space was done using the Veeder-Root ILS 350 monitoring system.

All necessary Westchester County permits have been filed.

Thank you for choosing National Environmental Specialists, Inc. If you have any questions, please feel free to contact me.

Sincerely,

Kenneth Podolski
National Environmental Specialists, Inc.

Westchester gov.com

Robert P. Astorino
County Executive

WESTCHESTER COUNTY DEPARTMENT OF HEALTH
PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE

Office of Environmental Health Risk Control
145 Huguenot Street
New Rochelle, NY 10801
914-813-5161
24-hour emergency number: 914-813-5000

Tank ID	Date Installed	Tank Location	Product	Capacity (gallons)	Last Tested	Next Test Due
1	09/1994	Underground	Diesel	2000		NTR
2	08/1998	Aboveground on saddles,legs,stlits,racks or cradle	Waste/Used Oil	275		NTR
3	08/1998	Aboveground on saddles,legs,stlits,racks or cradle	No. 2 fuel oil	275		NTR
4	08/1998	Aboveground on saddles,legs,stlits,racks or cradle	No. 2 fuel oil	275		NTR
5	08/1998	Aboveground on saddles,legs,stlits,racks or cradle	Motor Oil	275		NTR
6	01/2003	Aboveground on saddles,legs,stlits,racks or cradle	Diesel	1000		NTR
7	01/1982	Aboveground on saddles,legs,stlits,racks or cradle	No. 2 fuel oil	275		NTR
8	01/1982	Aboveground on saddles,legs,stlits,racks or cradle	No. 2 fuel oil	275		NTR

Owner:
E.M. Equities Inc.
60 Alexander Street
Yonkers, NY 10701

Site:
Supertrans NY, Inc.
60 Alexander Street
Yonkers, NY 10701

Operator:
Supertrans NY Inc.
(914) 968-3300

Emergency Contact:
Edward J. Muto
(914) 760-0150

As an authorized representative of the above-named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. I recognize that I am responsible for assuring that this facility is in compliance with all sections of Article XXV of the Westchester County Sanitary Code.

- The facility must be re-registered upon a transfer of ownership.
- The Department must be notified within 15 days prior to adding, replacing, reconditioning or permanently closing a stationary tank.
- THIS CERTIFICATE MUST BE POSTED ON THE PREMISES AT ALL TIMES. Posting must be at the tank, at the entrance of the facility or at the main office where the storage tanks are located.
- Any person with knowledge of a spill, leak or discharge must report the incident immediately to the Westchester County Department of Health at 914-813-5000 and to the New York State Department of Environmental Conservation at 800-457-7362.

Issued by:
Cheryl Archbald, MD, MPH, FAAP
Acting Commissioner of Health

Issue Date:
12/21/2010

Mailing Address:
Edward Muto
Supertrans NY, Inc.
60 Alexander Street
Yonkers NY 10701

Name of Authorized Representative/Owner (print)

Signature of Authorized Representative/Owner

Title | *Date*

Petroleum Bulk Storage
ID Number 3-600863

Expiration Date:
01/01/2016

THIS CERTIFICATE IS NON-TRANSFERABLE

FACILITY INFORMATION REPORT

3-600863
Supertrans NY, Inc.
60 Alexander Street
Yonkers, NY 10701

Owner: E.M. Equities Inc.
60 Alexander Street
Yonkers NY 10701
Phone:
Site Status: Active

Mail: Edward Muto
Supertrans NY, Inc.
60 Alexander Street -
Yonkers NY 10701
Reg Expires: 01/01/2016
Phone: (914) 968-3300
Email: philp@supertrans-ny.com
Reg Issued: 12/21/2010
Vapor Recovery ID:
Last Tightness Test:

Operator: Supertrans NY Inc. Phone: (914) 968-3300
Emergency: Edward J. Muto Phone: (914) 760-0150
Site Type: Trucking/Transportation,Trucking/Transportation,Trucking/Transportation

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
2	3. AG	1. In service	08/01/1998	275	13. Used oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	1. Diking	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
4. Product gauge	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
3	3. AG	1. In service	08/01/1998	275	#2 fuel oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	1. Diking	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
4	3. AG	1. In service	08/01/1998	275	#2 fuel oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	1. Diking	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

FACILITY INFORMATION REPORT

3-600863
Supertrans NY, Inc.
60 Alexander Street
Yonkers, NY 10701

Owner: E.M. Equities Inc.
60 Alexander Street
Yonkers NY 10701
Phone:
Site Status: Active

Mail: Edward Muto
Supertrans NY, Inc.
60 Alexander Street -
Yonkers NY 10701
Reg Expires: 01/01/2016
Phone: (914) 968-3300
Email: philp@supertrans-ny.com
Reg Issued: 12/21/2010
Vapor Recovery ID:

Operator: Supertrans NY Inc. Phone: (914) 968-3300
Emergency: Edward J. Muto Phone: (914) 760-0150
Site Type: Trucking/Transportation,Trucking/Transportation,Trucking/Transportation
Last Tightness Test:

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
5	3. AG	1. In service	08/01/1998	275	12. Motor oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	9. Mod dbl-wall	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
1. Float Vent Valve	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
6	3. AG	1. In service	01/01/2003	1000	6. Diesel		1. Steel/cs/iron	0. None	1. Painted/asphalt	1. Diking	6. Impervious barr

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	0. None	0. None	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
7	3. AG	1. In service	01/01/1982	275	#2 fuel oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	0. None	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

FACILITY INFORMATION REPORT

3-600863
Supertrans NY, Inc.
60 Alexander Street
Yonkers, NY 10701

Owner: E.M. Equities Inc.
60 Alexander Street
Yonkers NY 10701
Phone:
Site Status: Active

Mail: Edward Muto
Supertrans NY, Inc.
60 Alexander Street -
Yonkers NY 10701
Reg Expires: 01/01/2016
Phone: (914) 968-3300
Email: philp@supertrans-ny.com
Reg Issued: 12/21/2010
Vapor Recovery ID:

Operator: Supertrans NY Inc. Phone: (914) 968-3300
Emergency: Edward J. Muto Phone: (914) 760-0150
Site Type: Trucking/Transportation,Trucking/Transportation,Trucking/Transportation Tightness Test:

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
8	3. AG	1. In service	01/01/1982	275	#2 fuel oil		1. Steel/cs/iron	0. None	1. Painted/asphalt	0. None	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	1. AG	1. Steel/cs/iron	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
1	5. UG	1. In service	09/01/1994	2000	6. Diesel		4. FRP-clad steel	1. Epoxy liner	6. Fiberglass	4. Double-walled	1. Elec interstitial

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
5. Vent whistle	1. Catch basin	2. Suction	2. UG	1. Steel/cs/iron	0. None	0. None	0. None			

Tank ID	Tank Location	Status	Install	Capacity	Product	%	Tank Type	Tank IP	Tank EP	Tank SC	Tank LD
2 (old)	5. UG	5. Closed-removed		1000	6. Diesel		1. Steel/cs/iron	0. None	0. None	0. None	0. None

Tank OP	Spill Prev	Dispenser	Piping Loc	Piping Type	Piping EP	Piping SC	Piping LD	Last Test	Next Test	Closed
0. None	0. None	2. Suction	2. UG	1. Steel/cs/iron	0. None					12/01/1995

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LEAK MONITORING

PBS No.: 3-

Indicate leak detection type. For electronic systems, maintain a list of sensors and probes by serial number and location. Verify system function once per month. Manual systems must be monitored once per week for product release. Document any problems and corrective action or repairs. Maintain leak detection records on site for at least one year. Notify WCDOH at 914-513-5000 and NYSDEC at 800-457-7362 of any known or suspected releases.

Electronic Systems:
- ☐ Interstitial monitoring
- ☐ In-tank system

Manual Systems:
- ☐ Interstitial monitoring
- ☐ Vapor well
- ☐ Groundwater well

Date	Tank ID(s)	Inspected By	Result
4-1-15	#1	Leon	O.K.
5-4-15	#1	Leon	O.K.
6-1-15	#1	Leon	O.K.
7-1-15	#1	Leon	OK
8-2-15	#1	Leon	O.K.
9-1-15	#1	Leon	O.K.

9/07

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LEAK MONITORING

PBS No.: 3-

Indicate leak detection type: For electronic systems, maintain a list of sensors and probes by serial number and location. Verify system function once per month. Manual systems must be monitored once per week for product release. Document any problems and corrective action or repairs. Maintain leak detection records on site for at least one year. Notify WCDOH at 914-513-5000 and NYSDEC at 800-457-7362 of any known or suspected releases.

Electronic Systems:
- ☐ Interstitial monitoring
- ☐ In-tank system

Manual Systems:
- ☐ Interstitial monitoring
- ☐ Vapor well
- ☐ Groundwater well

Date	Tank ID(s)	Inspected By	Result
6-1-14	#1	Leon	O.K.
7-6-14	#1	Leon	O.K.
8-1-14	#1	Leon	O.K.
9-1-14	#1	Leon	O.K.
10-1-14	#1	Leon	O.K.
11-1-14	#1	Leon	O.K.
10-1-14	#1	Leon	O.K.
11-2-14	#1	Leon	O.K.
12-1-14	#1	Leon	O.K.
1-6-15	#1	Leon	O.K.
2-2-15	#1	Leon	O.K.
3-1-15	#1	Leon	O.K.

EM EQUITIES

60 Alexander Street

Yonkers, NY, 10701

September 15th, 2015

To whom it may concern,

Please be advised that to the best of my knowledge, the Lifts – which included the cylinders, outer casings, and associated piping, pumps and tanks were removed prior to our acquisition of the property in 1994. The 2 lifts were located in the area described as the "Small Garage" on the west end of the main office building The prior owner Frank Copsidas was responsible for the removal before we closed on the purchase. Mr. Ed Muto, founder of the EM Equities received the appropriate assurances before closing. We do not have access to the details of the removal. To the best of my knowledge there was never any evidence of subsurface contamination prior to the cementing of the area.

Phil Petruzzelli

President