ATTACHMENT III-1

April 7, 2017

Phase II Environmental Site Assessment
Cottage Place Gardens Phase 5 Parcel
City of Yonkers
Westchester County, New York

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PHASE II ENVIRONMENTAL SITE ASSESSMENT
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY, NEW YORK

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EXHIBITS

Exhibit 1: 2014 C.T. Male Phase I ESA Report (text body)
Exhibit 2: 2015 C.T. Male Phase II ESA Report (full report)

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Exhibit 3:	2016 C.T. Male Phase I ESA Report (text body)
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Exhibit 5:	2017 C.T. Male Phase I ESA Report of 178 Warburton Avenue (text body)
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1.0 INTRODUCTION

This document presents the results of a Phase II Environmental Site Assessment (ESA) conducted within the boundaries of redevelopment Phase 5 of the Cottage Place Gardens (CPG) housing project in Yonkers, New York. The overall CPG complex is addressed as 8 Cottage Place in the City of Yonkers, Westchester County, New York. A Site Location Map is included as Figure 1. A Site Features Map depicting the approximate boundaries of the Phase 5 Parcel (the Site) is included as Figure 2.

As depicted on Figure 2, the Site includes buildings 4, 8 and 12 of the Cottage Place Gardens complex, and a former gasoline station and automotive repair facility located at 178 Warburton Ave. These buildings will be demolished and the Site will be redeveloped with new structures, parking areas and landscaping.

This Phase II ESA has been conducted in general accordance with C.T. Male Associates' Phase II ESA Proposal dated October 4, 2016 and February 8, 2017. The Phase II ESA of the Site included the following:

- Conduct a Ground Penetrating Radar (GPR) survey of the 178 Warburton Avenue parcel which was historically utilized as a gasoline station and automotive repair facility. The GPR survey was conducted to investigate the presence of any anomalies that may be indicative of buried tanks, disposal structures, etc. Underground utilities were also located during the GPR survey.
- Collection of subsurface fill/soil samples from test borings for subjective and laboratory analysis;
- Conversion of select test borings into monitoring wells to facilitate the collection of groundwater samples for laboratory analysis;
- An evaluation of subsurface soil and groundwater conditions;
- Handling of investigation derived wastes; and
- Incorporation of pertinent environmental data from a Phase II ESA conducted of the entire CPG complex in late 2014, early 2015 to supplement data obtained in this Phase II ESA.

1.1 Previous Investigations

Four (4) Phase I ESA reports, one (1) Phase II ESA report, one (1) underground storage tank (UST) closure report, and one (1) post UST-closure site investigation report have been conducted on the CPG property, inclusive of the Site. The following sections summarize the reports and discuss environmental conditions as they apply to the Site.

Phase I Environmental Site Assessment, Cottage Place Gardens Site, prepared by C.T. Male Associates, dated August 27, 2014 (2014 C.T. Male Phase I ESA).

The ESA was conducted on the entirety of CPG with the exception of the northwestern portion of CPG containing Buildings 10 and 11. The following recognized environmental conditions (RECs) were identified in relation to the Site.

- Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields may have migrated onto the Site. The 33 Ashburton Avenue site is located approximately 120 feet to the south of the Site.
- A 1917 historic Sanborn Map identified a historic garage structure in and around the eastern boundary of the Site.
- Two, out of service, 20,000 gallon underground fuel oil tanks were identified beneath asphalt pavement on central portions of the Site. The tanks historically supplied fuel oil to boilers located in the basement of Building 12.

The text body of the 2014 C.T. Male Phase I ESA is presented as Exhibit 1.

Phase II ESA, Cottage Place Gardens Site, prepared by C.T. Male Associates, dated February 24, 2015 (2015 C.T. Male Phase II ESA).

The Phase II ESA was conducted to evaluate subsurface conditions and the environmental quality of soils and groundwater pursuant to those RECs identified in the Phase I ESA discussed above.

The Phase II ESA involved the advancement of 17 soil borings and installation of 16 monitoring wells across the CPG property to facilitate the collection of soil and groundwater samples for subjective screening and laboratory analysis. Five (5) test borings and four (4) monitoring wells were completed within the boundaries of the Site. The test borings were identified as B-A, B-B, B-K, B-P and B-Q and the monitoring wells

were identified as MW-B, MW-K, MW-P and MW-Q. The locations of the test borings and monitoring wells are depicted on Figure 2: Site Features Map.

The subsurface evaluation depicted the CPG property to be mantled with uncontrolled fill material consisting primarily of sand, silt, gravel, red brick and ash with less frequent occurrences of cinder and coal. The fill material was primarily encountered from the ground surface to approximately five (5) feet below grade.

The analytical results for soil/fill samples collected from test borings within the Site identified semi-volatile organic compounds (SVOCs) and metals at concentrations exceeding soil cleanup objectives (SCOs) for Unrestricted Use sites promulgated at 6 NYCRR Part 375. The analytical results for groundwater samples collected from monitoring wells installed within the Site identified volatile organic compounds (VOCs), SVOCs and metals at concentrations exceeding regulatory groundwater standards and guidance values. The soil and groundwater analytical results summary tables for the soil borings and monitoring wells completed within the Site are included in Appendix B as Tables 1 and 4, respectively.

The 2015 C.T. Male Phase II ESA report is presented as Exhibit 2. Due to the size of select appendices within the report, the Phase II ESA report does not include the appendices containing the private underground utility location report and the full laboratory analytical data reports.

Phase I ESA, Cottage Place Gardens Site Buildings 1, 2, 4, 5, 8, 9, 12 &13, prepared by C.T. Male Associates, dated March 18, 2016 (2016 C.T. Male Phase I ESA).

This Phase I ESA was conducted on portions of the CPG property that included the Site, and also on portions of the CPG property containing Buildings 1 and 2, which are located adjacent east and northeast of the Site. The same RECs were identified for the Site as those identified in the 2014 C.T. Male Phase I ESA, with the following additional REC identified pursuant to results of the 2015 C.T. Male Phase II ESA discussed above.

- A Phase II ESA conducted in February 2015 identified elevated levels of VOCs and metals in on-site soils as well as elevated concentrations of metals, SVOCs and VOCs in on-site groundwater.

The text body of the 2016 C.T. Male Phase I ESA is presented as Exhibit 3.

Phase I ESA, Cottage Place Gardens Phases IV & V Buildings 4, 5, 8, 9, 12 and 13 at 8 Cottage Place and 172 Warburton Avenue, prepared by C.T. Male Associates, dated January 19, 2017 (2017 C.T. Male Phase I ESA).

This Phase I ESA was conducted on CPG Phases 4 and 5, and also included a multi-family structure addressed as 172 Warburton Avenue, which is located approximately 75 feet south of the Site's southwestern property boundary. The RECs identified for the Site were consistent with the RECs previously identified in the 2014 and 2016 C.T. Male Phase I ESAs discussed above.

The text body of the 2017 C.T. Male Phase I ESA is presented as Exhibit 4.

Phase I ESA, Sam's Service Station Site at 178 Warburton Avenue, prepared by C.T. Male Associates, dated January 19, 2017 (2017 C.T. Male Phase I ESA of 178 Warburton Avenue).

This Phase I ESA was confined to the western portion of the Site addressed as 178 Warburton Avenue that was historically used as a gasoline station and automotive repair facility. The following RECs were identified in relation to the western portion of the Site.

- The western portion of the Site was used as a gasoline station/auto repair facility from at least 1951 until 2016.
- Tank closure documentation for the USTs associated with the gasoline station was not available for review.
- Floor drains are present within the Site building. The floor drains within the service area have been filled with concrete; however, a floor drain within a utility room in the northern portion of the building has not been closed. A slight sheen was noted inside the floor drain at the time of the Site visit. As automobile repair activities have occurred in the building, there is a potential for automotive related fluids to have been discharged to the floor drains. The discharge location of the drains is not known.
- Evidence of former hydraulic lifts was identified within the service bay area of the building. The hydraulic cylinders appeared to have been filled with concrete.
- A 55 gallon drum was identified on the northern side of the Site which was noted to be in poor condition.

- Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields site have migrated onto the subject Site's eastern adjoining Cottage Place Gardens apartment complex (CPG Phase 4 parcel), which is located hydraulically up-gradient of the subject Site with respect to inferred groundwater flow direction.

The text body of the 2017 C.T. Male Phase I ESA of 178 Warburton Avenue is presented as Exhibit 5.

UST Closure Report, Former Gas Station at 178 Warburton Avenue, prepared by Performer Compliance LLC, dated June 2008.

The report indicates that 10 USTs were closed by removal at the Site from 2006 to 2008. During the tank excavations, petroleum impacted soils and groundwater were encountered. Approximately 850 tons of petroleum-impacted soils were remediated and a monitoring well was installed within the down-gradient (western) portion of the backfilled excavation so that groundwater quality could be monitored. Post UST-closure excavation soil sampling depicted several SVOCs at concentrations exceeding regulatory criteria. Due to the existence of USTs and residually impacted soils, the Site was assigned Westchester County Department of Health (WCDOH) Petroleum Bulk Storage (PBS) No. 3-497606 and NYSDEC Spill No. 0508784.

The 2008 Performer Compliance UST Closure Report is presented as Exhibit 6.

Site Investigation Report, Former Gas Station at 178 Warburton Avenue, prepared by Performer Compliance LLC, dated June 2008.

The investigation included the collection of a groundwater sample from the monitoring well that was installed within the backfilled excavation after closure of the USTs. Analytical results showed analytes to be at concentrations below regulatory criteria. As such, the associated NYSDEC spill No. 0508784 was closed.

The June 2008 date identified on the report cover is believed to be incorrect. The groundwater samples were collected on March 26, 2009 and the analytical report for the samples was issued by the laboratory on April 1, 2009.

The 2008 Performer Compliance Site Investigation Report is presented as Exhibit 7.

2.0 METHOD OF INVESTIGATION

The Phase II ESA included a GPR survey; the collection of subsurface fill/soil samples for subjective/laboratory analysis from test borings; conversion of select test borings to monitoring wells for the collection of groundwater samples for laboratory analysis; evaluation of subsurface conditions; and incorporation of pertinent soil/fill and groundwater analytical data from the 2015 C.T. Male Phase II ESA (Exhibit 1) to supplement data obtained during the course of this Phase II ESA.

2.1 GPR Survey

The GPR survey was conducted on February 27, 2017 by New York Leak Detection, Inc. (NYLD). The survey was conducted to investigate the presence of any anomalies within the portion of Site addressed as 178 Warburton Avenue that may be indicative of buried structures such as USTs, drainage structures, etc. A C.T. Male field technician was present during the survey to provide Site access and direct the technician to areas of the Site requiring assessment. An underground utility survey was also conducted within the Site to aid in providing utility clearance for proposed test borings to be completed within the Site. Methods employed and the results of the survey are presented in the GPR survey report in Exhibit 8.

2.2 Advancement of Test Borings and Collection of Soil/Fill Samples

Nine (9) test borings were completed across the Site. The test borings are identified on Figure 2 as SB2016-1, SB2016-3, SB2016-6, SB2016-8, SB2016-9, 178GP01, 178GP02, 178GP03 and 178GP04.

The SB2016 boring series were completed in December 2016 as part of a geotechnical evaluation by NYEG Drilling, LLC (NYEG), of Syracuse, New York using a track-mounted drill rig. The test borings were advanced employing hollow stem auger (HSA) drilling techniques. The sampling was initiated at the ground surface or beneath the asphalt surface cover and conducted in successive 2-foot intervals through the depth of uncontrolled fill. Upon penetrating the uncontrolled fill soils, sampling was conducted at intervals of five feet or less to the termination depths of the test borings.

Test borings 178GP01 to 178GP04 were completed in March 2017 by Aquifer Drilling & Testing, Inc. (ADT) employing direct-push methods with a track-mounted Geoprobe unit. The test borings were completed to investigate the former gasoline station/automotive repair facility addressed as 178 Warburton Avenue that was acquired for inclusion into the CPG Phase 5 parcel. The sampling was initiated at the ground surface or below the asphalt pavement and conducted in continuous 5-foot intervals through the depth of uncontrolled fill until wet soil conditions were encountered, which typically occurred at the top of underlying glacial till.

The soil classifications for each boring are presented on the Subsurface Exploration Logs in Appendix C.

The recovered samples were subjectively screened in the field for potential impacts employing headspace analysis for organic vapors utilizing a photo ionization detector (PID) and organoleptic (sight and smell) perception. Field screening results are presented on the Organic Vapor Headspace Analysis Logs in Appendix D.

Soil/fill samples from each test boring were submitted for laboratory analysis. The selection of the samples for laboratory analysis was based on perceived evidence of subjective impacts and the occurrence of uncontrolled soil/fill materials. The samples were analyzed for the Target Compound List (TCL) VOCs, SVOCs, pesticides, and PCBs, and the Target Analyte List (TAL) for metals including cyanide (full TCL/TAL parameters). The laboratory analysis was performed by Alpha Analytical (Alpha) of Westborough, Massachusetts.

2.2.1 Investigation Derived Wastes

Wastes generated during completion of the test borings included soil cuttings from the drilling of the test borings. The wastes were placed in nine (9) NYSDOT approved 55-gallon drums and staged along the northeastern side of Building 12 for future waste characterization and disposal. See Figure 2 for approximate drum locations.

2.3 Installation of Monitoring Wells

Groundwater monitoring wells were installed at five (5) of the test boring locations upon their termination. The monitoring wells are identified as MW2016-1, 178MW01, 178MW02, 178MW03 and 178MW04 on Figure 2.

The MW2016 series well was constructed using 2-inch diameter Schedule 40 PVC pipe, the lower 10 feet of which was machine-slotted well screen. The annular space between the borehole and the well screen was backfilled with quartz sand to a point approximately 2 feet above the top of the well screen. A bentonite seal approximately 2 feet in thickness was placed above the screen's filter sand. Above this seal, Portland cement grout was used to backfill the annular space between the PVC riser pipe and the drill hole. A flush-mount curb box was installed at the well.

The 178MW series wells were constructed of one (1) inch diameter Schedule 40 PVC pipe, the lower 10 feet of which was machine-slotted, with the exception of 178MW04, where seven (7) feet was machine-slotted. The annular space between the boreholes and well screens were backfilled with quartz sand to a point approximately one (1) foot above the top of the well screen. A bentonite seal was placed above the screens' filter sand and extended to approximately 0.5 feet below the ground surface. A flush-mount curb box was installed at each location.

Monitoring well construction logs are presented in Attachment E.

2.4 Groundwater Sampling

Groundwater samples were collected from monitoring wells 178MW01 to 178MW04 on March 8, 2017. Monitoring well MW2016-1 did not produce groundwater.

The groundwater samples were collected employing a peristaltic pump with new, dedicated tubing at each sampling location. The samples were delivered to Alpha for analysis for the full TCL/TAL parameters.

3.0 FINDINGS

3.1 GPR Survey

The GPR survey did not identify anomalies within the areas investigated that were representative of buried structures such as buried tanks, drainage structures, etc.

3.2 Subsurface Conditions

Uncontrolled fill materials were encountered immediately beneath the Site's surface courses of asphalt pavement or topsoil, which ranged in thickness from three (3) to nine (9) inches. The uncontrolled fill was observed to typically consist of fine to coarse sand, containing little to some gravel, various amounts of silt, and occasional cobbles, brick, porcelain, ash, coal, concrete, glass and metal. At the explored locations, the thickness of the uncontrolled fill ranged from four (4) feet to 10 feet. An organic rich layer of soil was encountered at the lowest observed depth of the uncontrolled fill soils during the advancement of test boring SB2016-3, and is suspected as being the former original ground surface cover of topsoil prior to fill placement. Concrete was encountered at the four (4) to five (5) foot depth interval at 178GP02 and the one (1) to three (3) foot depth interval at 178GP01. A gravel layer was encountered at the five (5) to seven (7) foot depth interval at 178GP04.

With the exception of test boring SB2016-9, sand was encountered beneath the uncontrolled fill. This deposit was generally of a fine or fine to medium gradation and contained little to some silt and trace to little amounts of gravel. Occasional cobbles were also encountered within this deposit. The deposit was found to extend to depths of approximately eight (8) to 17 feet below the ground surface and, in general, was of a firm to very compact relative density.

Underlying the sand deposit, or the uncontrolled fill where the sand was not present, was glacial till. In general, the glacial till was similar in composition to the previously discussed sand deposit, although it contained largely only fine sand and had little amounts of coarse sand and gravel embedded within the soils' matrix. Numerous cobbles were encountered throughout the explored depths of the deposit. With the exception of 178GP01 to 178GP04, where driller refusal was encountered, all of the test borings were terminated within this deposit, at depths ranging from 15 feet to 22 feet

below the ground surface. In general, the glacial till was observed to be of a compact to very compact relative density.

The depth to groundwater was measured by obtaining water level readings from 178MW01 to 178MW04 located on the westernmost portion of the Site. Because the 2016 series well that was installed within the Site did not produce groundwater, water level data from monitoring wells MW2016-2, MW2016-5, MW2016-10, MW2016-12 and MW-GP01 located within the CPG Phase 4 parcel are extrapolated into this report. Groundwater was measured in the 178MW series wells at depths ranging from 0.5 to two (2) feet below the ground surface. In the wells within the boundaries of the CPG Phase 4 parcel, groundwater was measured at depths ranging from 9.5 feet to 16.5 feet below the ground surface.

The Site slopes moderately to steeply from east to west towards the Hudson River. Based on the soil types encountered and knowledge relating to groundwater movement on both the 188 Warburton Avenue site (CPG Phase 2) and 33 Ashburton Avenue site (CPG Phase 1), and in consideration of the Site and area topography, groundwater movement within the Site is expected to be generally from the southeast to the northwest.

3.3 Soil/Fill Sampling Subjective Analysis Results

As presented in the Organic Vapor Headspace Analysis Logs (Appendix D), subjective analysis of soil/fill samples did not identify elevated PID readings, staining and/or chemical/petroleum-type odors with the exception of the following.

-At test boring 178GP02, elevated PID readings ranging from 17.9 to 253 ppm and petroleum-type odors were encountered in soil samples collected from 2.5 to 11 feet below the ground surface. The severest impacts were encountered in soil samples collected from 2.5 to five (5) feet below the ground surface (253 ppm) and from five (5) to 10 feet below the ground surface (138 ppm).

-At test boring 178GP03, elevated PID readings ranging from 24 to 734 ppm and petroleum-type odors were encountered in soil samples collected from the ground surface to 11 feet below the ground surface. The severest impacts were encountered in

soil samples collected from 2.5 to five (5) feet below the ground surface (734 ppm) and from the ground surface to 2.5 feet below the ground surface (115 ppm).

-At test boring 178GP04, an elevated PID reading of 103 ppm and a petroleum-type odor was encountered in the soil sample collected from five (5) to 8.8 feet below the ground surface. An elevated PID reading of 35 ppm was encountered in the soil sample collected from the ground surface to five (5) feet below the ground surface.

Based on the subjective findings discussed above, the New York State Department of Environmental Conservation (NYSDEC) Spills Hotline was contacted and the Site was assigned spill No. 1610948.

3.4 Soil/Fill Sampling Laboratory Analytical Results

Soil/fill sampling analytical summary results are presented in Appendix B as Table 1 for soil/fill samples collected as part of the 2015 C.T. Male Phase II ESA, Table 2 for soil/fill samples collected as part of the SB2016 boring series completed in December 2016 and Table 3 for soil/fill samples collected as part of the 178GP01 to 178GP04 boring series completed in March 2017. The analytical results were compared to SCOs for Unrestricted and Restricted Residential Use Sites promulgated at 6 NYCRR Part 375. Analytes that exceeded SCOs are presented on Figure 3: Analytes in Soil Exceeding SCOs. The laboratory analytical reports are included in Appendix F.

A total of 14 soil/fill samples were collected from 14 test boring locations within the Site. The samples were analyzed for the TCL/TAL parameters.

The following table depicts those analytes that were detected at concentrations above SCOs and the frequency that the analytes exceeded SCOs for Unrestricted Use Sites and Restricted Residential Use Sites.

Analyte	Concentration Range Exceeding SCOs (mg/kg)	Frequency of Exceeding SCOs	
		Unrestricted Use SCOs	Restricted Residential Use SCOs
VOCs			
Acetone	0.052	1 of 14	0 of 14
Benzene	0.48	1 of 14	0 of 14
Ethylbenzene	9.6	1 of 14	0 of 14
Toluene	2.8	1 of 14	0 of 14
o-Xylene	4.7	1 of 14	0 of 14

Analyte	Concentration Range Exceeding SCOs (mg/kg)	Frequency of Exceeding SCOs	
		Unrestricted Use SCOs	Restricted Residential Use SCOs
p/m-Xylene	0.44 to 19	2 of 14	0 of 14
SVOCs			
3-Methylphenol/ 4-Methylphenol	0.58	1 of 14	0 of 14
Benzo(a)anthracene	1.4 to 54	3 of 14	3 of 14
Benzo(a)pyrene	1.3 to 46	3 of 14	3 of 14
Benzo(b)fluoranthene	1.5 to 56	3 of 14	3 of 14
Benzo(k)fluoranthene	1.8 to 14	2 of 14	1 of 14
Chrysene	1.5 to 44	3 of 14	2 of 14
Dibenzo(a,h)anthracene	0.62 to 5.2	2 of 14	2 of 14
Fluoranthene	110	1 of 14	1 of 14
Indeno(1,2,3-cd)pyrene	0.72 to 28	3 of 14	3 of 14
Phenol	0.57	1 of 14	0 of 14
Pesticides and PCBs			
4,4'-DDD	0.00351	1 of 14	0 of 14
4,4'-DDE	0.00537 to 0.0108	2 of 14	0 of 14
4,4'-DDT	0.00331	1 of 14	0 of 14
Metals			
Cadmium	4.2	1 of 14	0 of 14
Chromium	30.2	1 of 14	0 of 14
Copper	52.9 to 71.2	2 of 14	0 of 14
Lead	143 to 1,410	7 of 14	2 of 14
Mercury	0.23 to 0.69	6 of 14	0 of 14
Zinc	110 to 1,800	7 of 14	0 of 14

As depicted on the table and on Figure 3, six (6) VOCs, 10 SVOCs, three (3) pesticides and six (6) metals were detected above Unrestricted Use SCOs at varying frequencies across the Site. The highest frequencies of detections were for the metals lead, mercury and zinc.

Of the analytes detected above Unrestricted Use SCOs, the SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene and indeno(1,2,3-cd)pyrene, and the metal lead were detected above Restricted Residential Use SCOs. The SVOCs were detected at sampling locations within eastern and western portions of the Site and were detected in fill material at depths ranging from two (2) to five (5) feet below the ground surface. Lead was detected at sampling locations within northeastern portions of the Site and was detected in fill material at depths ranging from two (2) to five (5) feet below the ground surface.

3.5 Groundwater Sampling Results

Groundwater sampling analytical summary results tables are presented in Appendix B as Table 4 for groundwater samples collected as part of the 2015 C.T. Male Phase II ESA and Table 5 for groundwater samples collected as part of the 178MW-01 to 178MW-04 monitoring well series completed in March 2017. The monitoring well installed in December 2016 as part of the MW2016 monitoring well series did not produce groundwater.

The analytical results were compared to the NYS Division of Water Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated June 1998 with Addendums dated April 2000 and June 2004. Analytes that exceeded groundwater standards and guidance values are presented on Figure 4: Analytes in Groundwater Exceeding Groundwater Standards and Guidance Values. The analytical reports are included in Appendix G.

A total of six (6) groundwater samples were collected. As illustrated on Figure 4, the following contaminants trends were observed.

-Eight (8) VOCs were detected in groundwater above applicable standards. These included acetone at one (1) sampling location (MW-P) and seven (7) petroleum related VOCs (benzene, ethylbenzene, isopropylbenzene, MtBE, toluene, xylenes) in monitoring wells installed within western portions of the Site addressed as 178 Warburton Avenue and historically operated as a gasoline station and automotive repair facility.

-Seven (7) SVOCs were detected in groundwater above applicable standards. These included phenol at one (1) sampling location (MW-P) and benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene and naphthalene in monitoring wells installed within western portions of the Site historically operated as a gasoline station and motor repair facility.

-Eight (8) metals were detected in groundwater above applicable standards and guidance values with iron, manganese and sodium being the most persistent in the samples analyzed. Metals exceeding groundwater standards and guidance values included iron, manganese and sodium in all sampled wells; chromium and lead at four

(4) sampling locations (MW-B and 178MW01 to 178MW03); copper and nickel at one (1) sampling location (178MW01); and mercury at one (1) sampling location (MW-B).

3.6 Analytes in Soil/Fill and Groundwater

The following discusses analytes that were detected above standards and guidance values in groundwater samples collected from monitoring wells that were also detected above SCOs in soil/fill samples collected from corresponding test borings that were converted into the monitoring wells.

-Lead and mercury detections above applicable standards in groundwater samples collected from monitoring well MW-B were also detected above Unrestricted (mercury) and Restricted Residential (lead) Use SCOs in soil samples collected from the corresponding test borings (B-B).

-One (1) VOC (p/m-xylene) and four (4) SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene) were detected above applicable standards and guidance values in a groundwater sample collected from 178MW02. These same analytes were also detected above SCOs in soil samples collected from the corresponding test boring (178GP02).

-Five (5) VOCs (benzene, ethylbenzene, toluene, o-xylene, p/m-xylene) were detected above applicable standards and guidance values in a groundwater sample collected from 178MW03. These same analytes were also detected above SCOs in soil samples collected from the corresponding test boring (178GP03).

4.0 CONCLUSIONS

Subjective impacts including elevated PID readings and petroleum-type odors were encountered in soil/fill samples collected from test borings within western portions of the Site addressed as 178 Warburton Avenue historically used as a gasoline station and automotive repair facility. Based on these subjective findings, the New York State Department of Environmental Conservation (NYSDEC) Spills Hotline was contacted and the Site was assigned spill No. 1610948.

The Site's shallow soil/fill is impacted by contaminants exceeding SCOs for Unrestricted and Restricted Residential Use. Six (6) VOCs, 10 SVOCs, three (3) pesticides and six (6) metals were detected above Unrestricted Use SCOs at varying frequencies across the Site. Of the analytes detected above Unrestricted Use SCOs, eight (8) SVOCs and lead were detected above Restricted Residential Use SCOs at varying frequencies in samples collected from northeastern, eastern and western portions of the Site.

The Site's groundwater is impacted above applicable standards by VOCs, SVOCs and metals. Petroleum related VOCs and the majority of the SVOC contaminants were detected in monitoring wells installed within western portions of the Site addressed as 178 Warburton Avenue historically used as a gasoline station and motor repair facility. Metals exceeding applicable standards included iron, manganese and sodium in all sampled wells; chromium and lead at four (4) sampling locations; copper and nickel at one (1) sampling location; and mercury at one (1) sampling location.

VOC, SVOC and metal detections above regulatory standards and guidance values in groundwater samples collected from three (3) monitoring wells were also detected above SCOs in soil samples collected from the three (3) corresponding test borings that were converted into the monitoring wells.

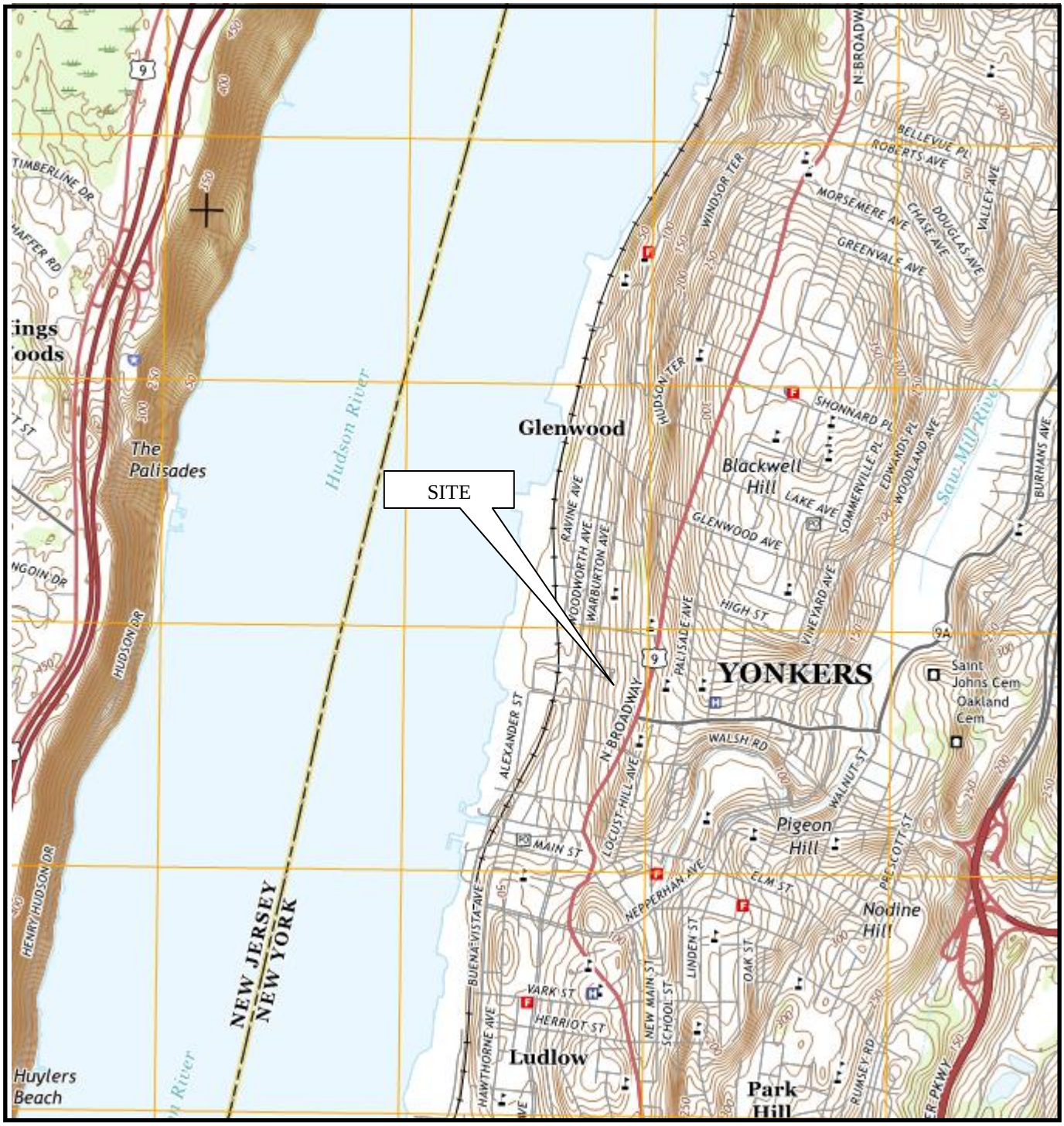
Two (2) underground tanks are currently located beneath the Site. The tanks are no longer in use but historically contained fuel oil for boilers located in Building 12.

Based on the above conclusions, and information and data presented in this report, the Site's shallow soil/fill and groundwater are environmentally contaminated by various chemical compounds and analytes at concentrations exceeding applicable regulatory

standards and guidance values. Additionally, VOC, SVOC and metal contaminants in the Site's soil/fill have impacted the Site's groundwater. Based on this information, the Site is a candidate for inclusion into the NYS Brownfield Cleanup Program to further define the nature and extent of Site contaminants with the goal of remediating the Site's impacted media and to remove the existing underground tanks as part of the Site's redevelopment plans.

APPENDIX A

FIGURES



MAP REFERENCE
United States Geological Survey
7.5 Minute Series Topographic Map
Quadrangle:Yonkers, NY-NJ
Date: 2016


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C.T.MALE ASSOCIATES
ENGINEERING, SURVEYING, ARCHITECTURE & LANDSCAPE ARCHITECTURE, D.P.C.

50 CENTURY HILL DRIVE
LATHAM, NY 12110

FIGURE 1 - SITE LOCATION MAP

CITY OF YONKERS	WESTCHESTER COUNTY, NY
SCALE: 1:2,000±	The locations and features depicted on this map are approximate and do not represent an actual survey.
DRAFTER: ASG	
PROJECT No: 16.6666	



LEGEND

- 178 GP / B / SB — Soil Boring
- MW — Monitor Well
- Where applicable, soil borings and monitoring wells are identified on the Figure as being co-located for visual purposes. In actuality, the soil borings were converted into monitoring wells.
- BOL — Bollard
- CB — Catch Basin
- CBCI — Catch Basin Curb Inlet
- CBR — Catch Basin Round
- CO — Cleanout
- Coniferous Tree
- Deciduous Tree
- EMH — Electric Manhole
- FFE= — Finished Floor Elevation
- RE= — Roof Elevation
- GV — Gas Valve
- HH — Hand Hole
- HYD — Hydrant
- LP — Light Pole
- SMH — Sanitary Manhole
- TPED — Telephone Pedestal
- UMH — Unknown Manhole Type
- UP — Utility Pole
- WV — Water Valve
- T — Overhead Telephone Wires
- UE — Underground Electric Line Markout
- G — Underground Gas Line Markout
- STM — Underground Steam Line
- UT — Underground Telephone Line Markout
- W — Underground Water Line Markout
- SS — Underground Sanitary Sewer Line Markout

MAP NOTES:

1. Boundary and topographic information shown hereon was compiled from an actual field survey conducted during the month of May 2015 and Septmeber 2015.
2. North orientation and bearings are referenced to Grid North and are based on the New York State Plane Coordinate System, East Zone, NAD 83/2011 epoch 2010.00 as obtained from GPS observations
3. Objects shown on this drawing with a distance indicating how far that object is from a particular line, lie on the same side of the line that the offset distance is written.
4. Vertical datum shown hereon is NAVD 88 and was obtained from GPS observations which were post processed holding Queens and Lamont Earth CORS.
5. Underground facilities, structures, and utilities have been plotted from data obtained from previous maps and record drawings. Surface features such as catch basin rims, manhole covers, water valves, gas valves, etc. are the result of field survey unless noted otherwise. There may be other underground utilities, the existence of which is not known to the undersigned. Size and location of all underground utilities and structures must be verified by the appropriate authorities. Dig Safely New York must be notified prior to conducting test borings, excavation and construction.
6. This survey was prepared without the benefit of an up to date abstract of title or title report and is therefore subject to any easements, covenants, restrictions or any statement of fact that such documents may disclose.

MAP REFERENCE:

1. "Boundary and Topographic Survey" Cottage Place, City of Yonkers, Westchester County, New York, Dated June 29, 2010. Prepared by Langan Engineers & Environmental Services.

BAR SCALE

20 0 10 20 40

1 inch = 20 ft.

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APPROVED:
DRAFTED : GLB
CHECKED : S. BIEBER
PROJ. NO : 16.6669
SCALE : 1"=20'
DATE : MARCH 28, 2017

FIGURE 2
SITE FEATURES MAP

COTTAGE PLACE GARDENS PHASE 5 PARCEL

CITY OF YONKERS — WESTCHESTER COUNTY, NEW YORK

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50 CENTURY HILL DRIVE, LATHAM, NY 12110
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FIG2
SHEET 1 OF 3
DWG. NO: 17-226

CAD DWG. FILE NAME: K:\Projects\16666a\Survey\Drawings Maps\FIGURE 3 ANALYTES IN SOIL-PHASE 5 PARCEL.dwg

CAD DWG. FILE NAME: FIGURE 3 ANALYTES IN S

178GP02				
ANALYTE	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
p/m-Xylene	0.26	100	0.44	2.5-5
Benzo(a)anthracene	1	1	1.4	
Benzo(a)pyrene	1	1	1.3 J	
Benzo(b)fluoranthene	1	1	1.5	
Chrysene	1	3.9	1.5	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.72 J	
4,4'-DDT	0.0033	7.9	0.00331 P	

B-P				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Chromium	30	180	30.2	7.5-9.2

SB2016-8				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Cadmium, Total	2.5	4.3	4.2	2-6
Lead, Total	63	400	340	
Zinc, Total	109	10,000	1800	

B-A				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Copper	50	270	52.9	2.5-5
Lead	63	400	1410	
Mercury	0.18	0.81	0.501	
Zinc	109	10,000	521	

SB2016-3				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
3-Methylphenol/4-Methylphenol	0.33	100	0.58	2-4
Benzo(a)anthracene	1	1	54	
Benzo(a)pyrene	1	1	46	
Benzo(b)fluoranthene	1	1	56	
Benzo(k)fluoranthene	0.8	3.9	14	
Chrysene	1	3.9	44	
Dibenzo(a,h)anthracene	0.33	0.33	5.3	
Fluoranthene	100	100	110	
Indeno(1,2,3-cd)pyrene	0.5	0.5	28	
Phenol	0.33	100	0.57	
Lead, Total	63	400	960	
Mercury, Total	0.18	0.81	0.69	
Zinc, Total	109	10,000	360	

formerly of
aqueduct
Lot 40

178GP03				
ANALYTE	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Benzene	0.06	4.8	0.48	2.5-5
Ethylbenzene	1	41	9.6	
Toluene	0.7	100	2.8	
o-Xylene	0.26	100	4.7	
p/m-Xylene	0.26	100	19	
4,4'-DDD	0.0033	13	0.00351 PI	
4,4'-DDE	0.0033	8.9	0.0108 P	

178GP04				
ANALYTE	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
4,4'-DDE	0.0033	8.9	0.0054	0-5

B-Q				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Lead	63	400	143	0.5-2.5
Zinc	109	10,000	318	

B-B				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Lead	63	400	211	2.5-5
Mercury	0.18	0.81	0.318	
Zinc	109	10,000	136	

SB2016-6				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Lead, Total	63	400	160	2-4
Mercury, Total	0.18	0.81	0.23	
Zinc, Total	109	10,000	110	

B-K				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Benzo(a)anthracene	1	1	7.20D	2.5-5
Benzo(a)pyrene	1	1	5.50D	
Benzo(b)fluoranthene	1	1	6.20D	
Benzo(k)fluoranthene	0.8	3.9	1.8	
Chrysene	1	3.9	5.80D	
Dibenzo(a,h)anthracene	0.33	0.33	0.62	
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.3	
Copper	50	270	71.2	
Lead	63	400	232	
Mercury	0.18	0.81	0.242	
Zinc	109	10,000	148	

SB2016-1				
Analyte	UNRESTRICTED USE SCO (m g/kg)	REST. RESIDENTIAL USE SCO (m g/kg)	CONC (m g/kg)	DEPTH (ft)
Acetone	0.05	100	0.052	2-4
Mercury, Total	0.18	0.81	0.49	

LEGEND

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PROJ. NO : 16.6669
SCALE : 1"=20'
DATE : MARCH 28, 2017

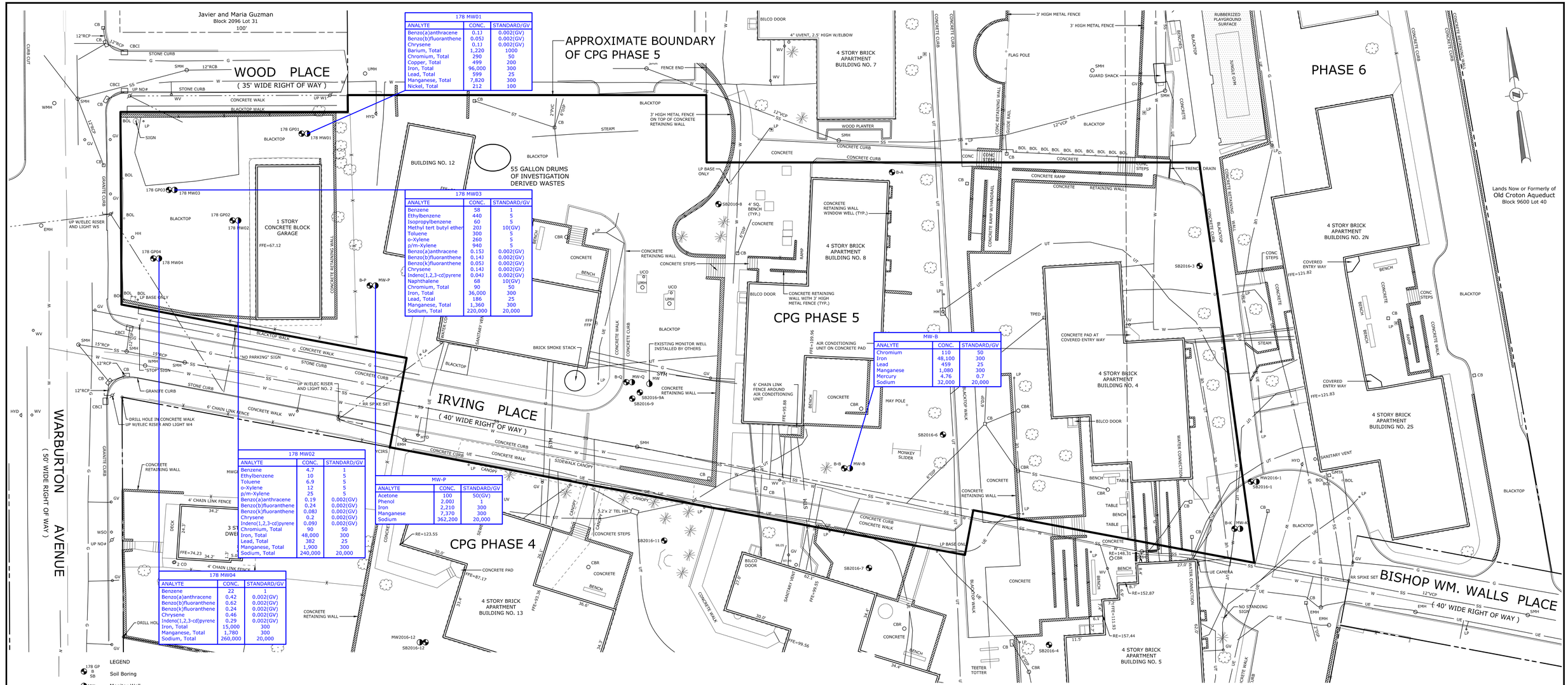
FIGURE 3
ANALYTES IN SOIL/FILL EXCEEDING SCO's

COTTAGE PLACE GARDENS PHASE 5 PARCEL

CITY OF YONKERS — WESTCHESTER COUNTY, NEW YORK

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FIG3
SHEET 2 OF 3
DWG. NO: 17-226



LEGEND

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DRAFTED : GLB

CHECKED : S. BIEBER

PROJ. NO : 16.6669

SCALE : 1"=20'

DATE : MARCH 28, 2017

FIGURE 4
ANALYTES IN GROUNDWATER EXCEEDING GROUNDWATER STANDARDS AND GUIDANCE VALUES

COTTAGE PLACE GARDENS PHASE 5 PARCEL

CITY OF YONKERS — WESTCHESTER COUNTY, NEW YORK

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50 CENTURY HILL DRIVE, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299

FIG4

SHEET 3 OF 3

DWG. NO: 17-226

CAD DWG. FILE NAME: K:\Projects\16666\Survey\Drawings Maps\FIGURE 4 ANALYTES IN GROUNDWATER-PHASE 5 PARCEL.dwg

CAD DWG. FILE NAME: FIGURE 4 ANALYTES IN

APPENDIX B

TABLES

Data Not Validated

TABLE 1: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
2015 C.T. MALE PHASE II ESA
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

Sample ID Lab Sample Number Sampling Date Units	CAS #	6 NYCRR 375 UNRESTRICTED USE SCOc[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)	B-A (2.5'-5') F4955-01 12/3/2014 mg/kg	B-B (2.5'-5') F4955-02 12/3/2014 mg/kg	B-K (2.5' -5') F4984-09 12/4/2014 mg/kg	B-P (7.5'-9.2') F4994-03 12/5/2014 mg/kg	FD12514[3] F4994-04 12/5/2014 mg/kg	B-Q (0.5'-2.5') F4994-05 12/5/2014 mg/kg
Volatile Organic Compounds									
Acetone	67-64-1	0.05	100	0.0253 U	0.0433	0.0061 J	0.0078 J	0.0233 U	0.0221 U
Benzene	71-43-2	0.06	4.8	0.0051 U	0.0012 J	0.0039 U	0.0042 U	0.0047 U	0.0044 U
Methylene Chloride	75-09-2	0.05	100	0.0014 J	0.0040 J	0.0016 J	0.0013 J	0.0019 J	0.0020 J
Semi-Volatile Organic Compounds									
1,1-Biphenyl	92-52-4	NS	NS	0.400 U	0.370 U	0.120 J	0.370 U	0.370 U	0.370 U
2-Methylnaphthalene	91-57-6	NS	NS	0.400 U	0.370 U	0.190 J	0.370 U	0.370 U	0.370 U
Acenaphthene	83-32-9	20	100	0.0908 J	0.370 U	2	0.370 U	0.370 U	0.370 U
Acenaphthylene	208-96-8	100	100	0.400 U	0.43	0.120 J	0.370 U	0.370 U	0.370 U
Anthracene	120-12-7	100	100	0.190 J	0.240 J	5.10 D	0.370 U	0.370 U	0.370 U
Benzo(a)anthracene	56-55-3	1	1	0.67	0.180 J	**7.20 D**	0.370 U	0.370 U	0.210 J
Benzo(a)pyrene	50-32-8	1	1	0.54	0.300 J	**5.50 D**	0.370 U	0.370 U	0.210 J
Benzo(b)fluoranthene	205-99-2	1	1	0.63	0.280 J	**6.20 D**	0.370 U	0.370 U	0.210 J
Benzo(g,h,i)perylene	191-24-2	100	100	0.300 J	0.290 J	2.3	0.370 U	0.370 U	0.140 J
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.310 J	0.0784 J	**1.8**	0.370 U	0.370 U	0.120 J
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.150 J	0.370 U	0.370 U	0.370 U	0.370 U	0.370 U
Carbazole	86-74-8	NS	NS	0.110 J	0.370 U	0.73	0.370 U	0.370 U	0.370 U
Chrysene	218-01-9	1	3.9	0.58	0.200 J	**5.80 D**	0.370 U	0.370 U	0.200 J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.400 U	0.370 U	**0.62**	0.370 U	0.370 U	0.370 U
Dibenzofuran	132-64-9	7	59	0.400 U	0.370 U	1	0.370 U	0.370 U	0.370 U
Dimethylphthalate	131-11-3	NS	NS	0.250 J	0.270 J	0.110 J	0.130 J	0.170 J	0.170 J
Fluoranthene	206-44-0	100	100	1.2	0.180 J	14.3 D	0.370 U	0.370 U	0.290 J
Fluorene	86-73-7	30	100	0.0864 J	0.370 U	1.8	0.370 U	0.370 U	0.370 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.270 J	0.180 J	**2.3**	0.370 U	0.370 U	0.110 J
Naphthalene	91-20-3	12	100	0.400 U	0.370 U	0.260 J	0.370 U	0.370 U	0.370 U
Phenanthrene	85-01-8	100	100	1	0.110 J	16.0 D	0.370 U	0.370 U	0.0872 J
Phenol	108-95-2	0.33	100	0.0948 J	0.0852 J	0.100 J	0.370 U	0.0790 J	0.100 J
Pyrene	129-00-0	100	100	1.1	0.260 J	12.5 D	0.370 U	0.370 U	0.280 J
PESTICIDES (None Detected Above the Laboratory's Detection Limits)									
PCBs									
Aroclor-1260	11096-82-5	0.1	1	0.0125 JP	0.0162 JP	0.0191 U	0.0191 U	0.0189 U	0.0189 U

Data Not Validated

TABLE 1: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
2015 C.T. MALE PHASE II ESA
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

Sample ID Lab Sample Number Sampling Date Units	CAS #	6 NYCRR 375 UNRESTRICTED USE SCOc[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)	B-A (2.5'-5') F4955-01 12/3/2014 mg/kg	B-B (2.5'-5') F4955-02 12/3/2014 mg/kg	B-K (2.5' -5') F4984-09 12/4/2014 mg/kg	B-P (7.5'-9.2') F4994-03 12/5/2014 mg/kg	FD12514[3] F4994-04 12/5/2014 mg/kg	B-Q (0.5'-2.5') F4994-05 12/5/2014 mg/kg
METALS & CYANIDE									
Aluminum	7429-90-5	NS	NS	8310	7380	8580	8500	9520	7810
Antimony	7440-36-0	NS	NS	0.635 J	2.29 U	2.33 U	2.41 U	2.34 U	2.32 U
Arsenic	7440-38-2	13	16	6.16	2.68	3.08	1.63	1.15	2.86
Barium	7440-39-3	350	400	335	86	98.7	43.9	50.7	88.2
Beryllium	7440-41-7	7.2	72	0.483	0.346	0.378	0.329	0.352	0.367
Calcium	7440-70-2	NS	NS	7490	20100	4760	1390	1460	5100
Chromium	7440-47-3	30	180	20.2	17.1	19.9	27.7	**30.2**	19.5
Cobalt	7440-48-4	NS	NS	7.01	7.27	8.45	9.88	9.45	7.8
Copper	7440-50-8	50	270	**52.9**	34.7	**71.2**	19.8	21.6	19.3
Cyanide	57-12-5	27	27	0.151 J	0.111 J	0.102 J	0.0900 J	0.0930 J	0.104 J
Iron	7439-89-6	NS	NS	18,000	14,700	15,500	14,100	15700	20000
Lead	7439-92-1	63	400	**1410**	**211**	**232**	2.84	3	**143**
Magnesium	7439-95-4	NS	NS	3010	5300	2940	2450	2840	2770
Manganese	7439-96-5	1600	2000	296	342	398	435	415	243
Mercury	7439-97-6	0.18	0.81	**0.501**	**0.318**	**0.242**	0.0070 J	0.0070 J	0.154
Nickel	7440-02-0	30	310	17.3	13.9	15.5	20.9	22.8	13.1
Potassium	7440-09-7	NS	NS	711	668	635	593	753	701
Selenium	7782-49-2	3.9	180	0.982 J	0.326 J	0.657 J	0.707 J	0.581 J	0.725 J
Silver	7440-22-4	2	180	0.309 J	0.119 J	0.470 U	0.480 U	0.470 U	0.460 U
Sodium	7440-23-5	NS	NS	107	144	1110	420	446	922
Vanadium	7440-62-2	NS	NS	26.6	23.2	22	26.4	26.8	23.1
Zinc	7440-66-6	109	10,000	**521**	**136**	**148**	19.1	21.3	**318**

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.

(2) SCOs for Restricted Residential Use Sites Promulgated at 6 NYCRR Part 375.

(3) FD12514 is a replicate (duplicate) of B-P (7.5'-9.2').

NS denotes No Standard.

U indicates the analyte was analyzed for, but not detected.

J indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).

D indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

P indicates there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported.

Data Not Validated

TABLE 2: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
DECEMBER 2016 SOIL SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

				SAMPLE ID:				SB2016-1 (B-1, S2, 2-4')[3]				SB2016-3 (B-3, S2, 2-4')				SB2016-6 (B-6, S2, 2-4')				SB2016-8 (B-8, 2-6')				SB2016-9 (B-9, 5-2, 2-4')			
				LAB ID:				L1641295-09				L1641295-08				L1641295-06				L1641295-04				L1640718-01			
				COLLECTION DATE:				12/21/2016				12/21/2016				12/20/2016				12/20/2016				12/14/2016			
				SAMPLE DEPTH:				2'-4'				2'-4'				2'-4'				2'-6'				2'-4'			
ANALYTE	CAS	6 NYCRR 375 UNRESTRICTED USE SCOs[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Volatile Organic Compounds																											
Acetone	67-64-1	0.05	100		**0.052**		0.01	0.0011	0.012		0.0098	0.001	0.024		0.011	0.0012	ND		0.01	0.001	0.0049	J	0.01	0.001
Benzene	71-43-2	0.06	4.8		0.0005	J	0.001	0.00012	0.00071	J	0.00098	0.00012	0.00028	J	0.0011	0.00013	0.00086	J	0.001	0.00012	ND		0.001	0.00012
Cyclohexane	110-82-7	NS	NS		0.00084	J	0.021	0.00015	0.00099	J	0.02	0.00014	0.00029	J	0.022	0.00016	0.0023	J	0.02	0.00015	ND		0.02	0.00015
Ethylbenzene	100-41-4	1	41		0.00036	J	0.001	0.00013	0.00032	J	0.00098	0.00012	ND		0.0011	0.00014	0.00055	J	0.001	0.00013	ND		0.001	0.00013
Methyl cyclohexane	108-87-2	NS	NS		0.00064	J	0.0041	0.00016	0.00081	J	0.0039	0.00015	0.00024	J	0.0045	0.00017	0.0019	J	0.004	0.00016	ND		0.0041	0.00016
o-Xylene	95-47-6	0.26	100		0.00044	J	0.0021	0.00035	0.00039	J	0.002	0.00033	ND		0.0022	0.00038	0.00066	J	0.002	0.00034	ND		0.002	0.00034
p/m-Xylene	179601-23-1	0.26	100		0.0012	J	0.0021	0.00036	0.0011	J	0.002	0.00034	0.00041	J	0.0022	0.0004	0.0018	J	0.002	0.00035	ND		0.002	0.00036
Tetrachloroethene	127-18-4	1.3	19		0.00035	J	0.001	0.00014	0.00028	J	0.00098	0.00014	ND		0.0011	0.00016	0.00035	J	0.001	0.00014	ND		0.001	0.00014
Toluene	108-88-3	0.7	100		0.003		0.0016	0.0002	0.0024		0.0015	0.00019	0.0011	J	0.0017	0.00022	0.0038		0.0015	0.0002	ND		0.0015	0.0002
Total VOCs					0.05933	-	-	-	0.019	-	-	-	0.02632	-	-	-	0.01222	-	-	-	0.0049	-	-	-
Semi-Volatile Organic Compounds																											
2-Methylnaphthalene	91-57-6	NS	NS		0.048	J	0.23	0.023	0.56		0.22	0.023	0.029	J	0.22	0.022	ND		0.21	0.021	0.18	J	0.21	0.021
2-Methylphenol	95-48-7	0.33	100		ND		0.19	0.029	0.14	J	0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.027
3-Methylphenol/4-Methylphenol	108-39-4	0.33	100		ND		0.27	0.03	**0.58**		0.27	0.029	ND		0.26	0.029	ND		0.26	0.028	ND		0.26	0.028
4-Bromophenyl phenyl ether	101-55-3	NS	NS		ND		0.19	0.029	0.043	J	0.19	0.029	ND		0.18	0.028	ND		0.18	0.027	ND		0.18	0.027
Acenaphthene	83-32-9	20	100		0.076	J	0.15	0.02	0.72		0.15	0.02	0.02	J	0.15	0.019	ND		0.14	0.018	0.28		0.14	0.018
Acenaphthylene	208-96-8	100	100		0.058	J	0.15	0.029	7.2		0.15	0.029	0.056	J	0.15	0.028	ND		0.14	0.027	0.13	J	0.14	0.027
Anthracene	120-12-7	100	100		0.27		0.11	0.037	20		2.2	0.73	0.073	J	0.11	0.036	ND		0.11	0.035	0.29		0.11	0.034
Benzo(a)anthracene	56-55-3	1	1		0.47		0.11	0.021	**54**		2.2	0.42	0.3		0.11	0.021	ND		0.11	0.02	0.19		0.11	0.02
Benzo(a)pyrene	50-32-8	1	1		0.43		0.15	0.046	**46**		3	0.92	0.32		0.15	0.045	ND		0.14	0.043	0.14		0.14	0.043
Benzo(b)fluoranthene	205-99-2	1	1		0.49		0.11	0.032	**56**		2.2	0.63	0.4		0.11	0.031	ND		0.11	0.03	0.12		0.11	0.03
Benzo(ghi)perylene	191-24-2	100	100		0.21		0.15	0.022	24		3	0.44	0.23		0.15	0.022	ND		0.14	0.021	0.056	J	0.14	0.021
Benzo(k)fluoranthene	207-08-9	0.8	3.9		0.16		0.11	0.03	**14**		2.2	0.6	0.14		0.11	0.029	ND		0.11	0.028	0.044	J	0.11	0.028
Biphenyl	92-52-4	NS	NS		ND		0.43	0.044	0.19	J	0.43	0.044	ND		0.42	0.043	ND		0.4	0.041	0.044	J	0.4	0.041
Carbazole	86-74-8	NS	NS		ND		0.19	0.018	2.3		0.19	0.018	ND		0.18	0.018	ND		0.18	0.017	0.023	J	0.18	0.017
Chrysene	218-01-9	1	3.9		0.45		0.11	0.02	**44**		2.2	0.39	0.33		0.11	0.019	ND		0.11	0.018	0.18		0.11	0.018
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33		0.065	J	0.11	0.022	**5.3**		0.11	0.022	0.062	J	0.11	0.021	ND		0.11	0.02	ND		0.11	0.02
Dibenzofuran	132-64-9	7	59		0.03	J	0.19	0.018	3.1		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	0.038	J	0.18	0.017
Fluoranthene	206-44-0	100	100		0.88		0.11	0.022	**110**		2.2	0.43	0.51		0.11	0.021	0.03	J	0.11	0.02	0.36		0.11	0.02
Fluorene	86-73-7	30	100		0.11	J	0.19	0.018	3		0.19	0.018	ND		0.18	0.018	ND		0.18	0.017	0.28		0.18	0.017
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5		0.27		0.15	0.026	**28**		3	0.52	0.24		0.15	0.026	ND		0.14	0.025	0.055	J	0.14	0.025
Naphthalene	91-20-3	12	100		0.038	J	0.19	0.023	2.4		0.19	0.023	0.038	J	0.18	0.022	ND		0.18	0.022	0.097	J	0.18	0.022
Phenanthrene	85-01-8	100	100		0.85		0.11	0.023	50		2.2	0.46	0.3		0.11	0.022	0.027	J	0.11	0.022	1		0.11	0.022
Phenol	108-95-2	0.33	100		ND		0.19	0.028	**0.57**		0.19	0.028	ND		0.18	0.028	ND		0.18	0.027	ND		0.18	0.027
Pyrene	129-00-0	100	100		0.86		0.11	0.019	92		2.2	0.37	0.49		0.11	0.018	0.024	J	0.11	0.018	0.48		0.11	0.018
Total SVOCs					5.765	-	-	-	538	-	-	-	3.538	-	-	-	0.081	-	-	-	3.987	-	-	-
Pesticides (None Detected Above The Laboratory's Method Detection Limits)																								
PCBs																								
Aroclor 1260	11096-82-5	0.1	1		ND		0.0662	0.00504	0.0156	J	0.0372	0.00284	0.00536	J	0.0371	0.00283	ND		0.0356	0.00272	ND		0.0342	0.00261
PCBs, Total	1336-36-3	0.1	1		ND		0.0662	0.00328	0.0156	J	0.0372	0.00184	0.00536	J	0.0371	0.00184	ND		0.0356	0.00177	ND		0.0342	0.0017

Data Not Validated

TABLE 2: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
DECEMBER 2016 SOIL SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

				SAMPLE ID:	SB2016-1 (B-1, S2, 2-4')				SB2016-3 (B-3, S2, 2-4')				SB2016-6 (B-6, S2, 2-4')				SB2016-8 (B-8, 2-6')				SB2016-9 (B-9, 5-2, 2-4')			
				LAB ID:	L1641295-09				L1641295-08				L1641295-06				L1641295-04				L1640718-01			
				COLLECTION DATE:	12/21/2016				12/21/2016				12/20/2016				12/20/2016				12/14/2016			
				SAMPLE DEPTH:	2'-4'				2'-4'				2'-4'				2'-6'				2'-4'			
ANALYTE	CAS	6 NYCRR 375 UNRESTRICTED USE SCOs[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Metals & Cyanide																								
Aluminum, Total	7429-90-5	NS	NS		10,000		8.8	2.4	6200		8.7	2.4	6800		8.8	2.4	5600		8.6	2.3	5700		8.4	2.3
Antimony, Total	7440-36-0	NS	NS		ND		4.4	0.33	5.5		4.4	0.33	ND		4.4	0.33	ND		4.3	0.32	ND		4.2	0.32
Arsenic, Total	7440-38-2	13	16		2.2		0.88	0.18	11		0.87	0.18	6.3		0.88	0.18	4.9		0.86	0.18	1.2		0.84	0.18
Barium, Total	7440-39-3	350	400		71		0.88	0.15	190		0.87	0.15	75		0.88	0.15	89		0.86	0.15	28		0.84	0.15
Beryllium, Total	7440-41-7	7.2	72		0.12	J	0.44	0.03	0.15	J	0.44	0.03	0.29	J	0.44	0.03	0.15	J	0.43	0.03	0.13	J	0.42	0.03
Cadmium, Total	7440-43-9	2.5	4.3		ND		0.88	0.09	0.44	J	0.87	0.09	ND		0.88	0.09	**4.2**		0.86	0.08	ND		0.84	0.08
Calcium, Total	7440-70-2	NS	NS		2300		8.8	3.1	9200		8.7	3	2600		8.8	3.1	4300		8.6	3	1100		8.4	3
Chromium, Total	7440-47-3	30	180		28		0.88	0.08	19		0.87	0.08	22		0.88	0.08	15		0.86	0.08	12		0.84	0.08
Cobalt, Total	7440-48-4	NS	NS		6.8		1.8	0.14	5.8		1.7	0.14	5.8		1.8	0.15	4.1		1.7	0.14	4		1.7	0.14
Copper, Total	7440-50-8	50	270		22		0.88	0.22	37		0.87	0.22	21		0.88	0.23	13		0.86	0.22	11		0.84	0.22
Cyanide, Total	57-12-5	27	27		0.25	J	1	0.17	0.29	J	1.1	0.18	ND		1	0.17	ND		1	0.17	0.88	J	1.1	0.18
Iron, Total	7439-89-6	NS	NS		14,000		4.4	0.79	36,000		4.4	0.79	13,000		4.4	0.79	9600		4.3	0.77	8800		4.2	0.76
Lead, Total	7439-92-1	63	400		61		4.4	0.23	**960**		4.4	0.23	**160**		4.4	0.24	**340**		4.3	0.23	3.6	J	4.2	0.22
Magnesium, Total	7439-95-4	NS	NS		3600		8.8	1.3	2100		8.7	1.3	2000		8.8	1.4	2800		8.6	1.3	1700		8.4	1.3
Manganese, Total	7439-96-5	1600	2000		120		0.88	0.14	330		0.87	0.14	220		0.88	0.14	190		0.86	0.14	240		0.84	0.13
Mercury, Total	7439-97-6	0.18	0.81		**0.49**		0.08	0.02	**0.69**		0.08	0.02	**0.23**		0.09	0.02	0.1		0.08	0.02	0.03	J	0.07	0.02
Nickel, Total	7440-02-0	30	310		13		2.2	0.21	12		2.2	0.21	14		2.2	0.21	9.3		2.1	0.21	11		2.1	0.2
Potassium, Total	7440-09-7	NS	NS		1700		220	13	390		220	12	490		220	13	360		210	12	340		210	12
Selenium, Total	7782-49-2	3.9	180		ND		1.8	0.22	ND		1.7	0.22	ND		1.8	0.23	0.63	J	1.7	0.22	ND		1.7	0.22
Sodium, Total	7440-23-5	NS	NS		520		180	2.8	160	J	170	2.8	430		180	2.8	170		170	2.7	930		170	2.6
Vanadium, Total	7440-62-2	NS	NS		30		0.88	0.18	19		0.87	0.18	21		0.88	0.18	19		0.86	0.17	14		0.84	0.17
Zinc, Total	7440-66-6	109	10,000		45		4.4	0.26	**360**		4.4	0.26	**110**		4.4	0.26	**1800**		4.3	0.25	29		4.2	0.25

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) Soil Cleanup Objectives (SCOs) for Restricted Residential Use Sites promulgated at 6 NYCRR Part 375.
(3) SB2016-1 identifies the boring location. (B-1, S2, 2-4') is the identification assigned to the sample when collected in the field and reported in the laboratory report. This is the same for all samples listed in this table.
NS denotes No Standard.
ND denotes Non Detect.
Q denotes the laboratory's data qualifier.
RL denotes the laboratory's Reporting Limit.
MDL denotes the laboratory's Method Detection Limit.
J denotes an estimated value. The target analyte concentration is below the RL, but above the MDL.

Data Not Validated

TABLE 3: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
MARCH 2017 SOIL SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

			SAMPLE ID:	178GP01_0-2.5				178GP02_2.5-5				178GP03_2.5-5				178GP04_0-5			
			LAB ID:	L1706909-05				L1706909-06				L1706909-08				L1706909-09			
			COLLECTION DATE:	3/7/2017				3/7/2017				3/7/2017				3/7/2017			
			SAMPLE DEPTH (FT.):	0-2.5				2.5-5				2.5-5				0-5			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS	6 NYCRR 375 UNRESTRICTED USE SCOs[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Volatile Organic Compounds																			
Acetone	67-64-1	0.05	100	0.015		0.0086	0.00089	ND		0.52	0.054	ND		1.9	0.2	0.038		0.009	0.00093
Benzene	71-43-2	0.06	4.8	ND		0.00086	0.0001	0.025	J	0.052	0.0061	**0.48**		0.19	0.023	0.0027		0.0009	0.0001
Carbon disulfide	75-15-0	No Standard	No Standard	0.0022	J	0.0086	0.00095	ND		0.52	0.057	ND		1.9	0.21	ND		0.009	0.00099
Ethylbenzene	100-41-4	1	41	ND		0.00086	0.00011	0.22		0.052	0.0066	**9.6**		0.19	0.024	0.0015		0.0009	0.00011
Isopropylbenzene	98-82-8	No Standard	No Standard	ND		0.00086	0.00009	0.049	J	0.052	0.0054	2.4		0.19	0.02	0.0088		0.0009	0.00009
Methyl Acetate	79-20-9	No Standard	No Standard	ND		0.017	0.00023	0.14	J	1	0.014	ND		3.9	0.052	ND		0.018	0.00024
Methyl cyclohexane	108-87-2	No Standard	No Standard	ND		0.0034	0.00013	0.26		0.21	0.008	5.9		0.77	0.03	0.025		0.0036	0.00014
Toluene	108-88-3	0.7	100	ND		0.0013	0.00017	0.092		0.078	0.01	**2.8**		0.29	0.038	0.00048	J	0.0013	0.00017
o-Xylene	95-47-6	0.26	100	ND		0.0017	0.00029	0.17		0.1	0.018	**4.7**		0.39	0.065	0.00037	J	0.0018	0.0003
p/m-Xylene	179601-23-1	0.26	100	ND		0.0017	0.0003	**0.44**		0.1	0.018	**19**		0.39	0.068	0.01		0.0018	0.00031
Semi-Volatile Organic Compounds																			
2-Methylnaphthalene	91-57-6	No Standard	No Standard	ND		0.22	0.022	0.79	J	0.22	0.022	1.4		0.22	0.023	0.068	J	0.22	0.022
Acenaphthene	83-32-9	20	100	ND		0.14	0.019	0.63	J	0.15	0.019	0.13	J	0.15	0.019	0.071	J	0.15	0.019
Acenaphthylene	208-96-8	100	100	ND		0.14	0.028	0.38		0.15	0.028	ND		0.15	0.029	0.056	J	0.15	0.028
Anthracene	120-12-7	100	100	ND		0.11	0.035	1.2	J	0.11	0.036	0.34		0.11	0.036	0.16		0.11	0.036
Benzo(a)anthracene	56-55-3	1	1	ND		0.11	0.02	**1.4**		0.11	0.021	0.66		0.11	0.021	0.2		0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.044	**1.3**	J	0.15	0.045	0.48		0.15	0.046	0.17		0.15	0.045
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.11	0.03	**1.5**		0.11	0.031	0.62		0.11	0.032	0.23		0.11	0.031
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.021	0.64	J	0.15	0.022	0.24		0.15	0.022	0.1	J	0.15	0.022
Benzo(k)fluoranthene	207-08-9	0.8	3.9	ND		0.11	0.029	0.54	J	0.11	0.029	0.23		0.11	0.03	0.074	J	0.11	0.03
Biphenyl	92-52-4	No Standard	No Standard	ND		0.41	0.042	0.14	J	0.42	0.043	ND		0.43	0.044	ND		0.42	0.043
Carbazole	86-74-8	No Standard	No Standard	ND		0.18	0.018	0.34	J	0.18	0.018	0.3		0.19	0.018	0.058	J	0.18	0.018
Chrysene	218-01-9	1	3.9	0.019	J	0.11	0.019	**1.5**		0.11	0.019	0.6		0.11	0.02	0.2		0.11	0.019
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.11	0.021	0.16		0.11	0.021	0.066	J	0.11	0.022	ND		0.11	0.021
Dibenzofuran	132-64-9	7	59	ND		0.18	0.017	0.52	J	0.18	0.017	0.1	J	0.19	0.018	0.062	J	0.18	0.018
Fluoranthene	206-44-0	100	100	0.036	J	0.11	0.021	3.6		0.11	0.021	1.4		0.11	0.022	0.51		0.11	0.021
Fluorene	86-73-7	30	100	ND		0.18	0.018	0.97	J	0.18	0.018	0.23		0.19	0.018	0.12	J	0.18	0.018
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.025	**0.72**	J	0.15	0.026	0.26		0.15	0.026	0.11	J	0.15	0.026
Naphthalene	91-20-3	12	100	ND		0.18	0.022	1.2	J	0.18	0.022	2.2		0.19	0.023	0.079	J	0.18	0.022
Phenanthrene	85-01-8	100	100	ND		0.11	0.022	3.9		0.11	0.022	1.1		0.11	0.023	0.5		0.11	0.022
Pyrene	129-00-0	100	100	0.027	J	0.11	0.018	3.1		0.11	0.018	1.1		0.11	0.019	0.43		0.11	0.018
Pesticides																			
4,4'-DDD	72-54-8	0.0033	13	ND		0.00172	0.000615	0.00115	J	0.00175	0.000625	**0.00351**	PI	0.00178	0.000634	ND		0.00174	0.000621
4,4'-DDE	72-55-9	0.0033	8.9	0.00125	J	0.00172	0.000399	0.00117	J	0.00175	0.000405	**0.0108**	P	0.00178	0.000411	**0.00537**		0.00174	0.000402
4,4'-DDT	50-29-3	0.0033	7.9	ND		0.00323	0.00139	**0.00331**	P	0.00328	0.00141	0.00297	J	0.00333	0.00143	0.0267		0.00326	0.0014
Aldrin	309-00-2	0.005	0.097	ND		0.00172	0.000607	0.00116	J	0.00175	0.000617	ND		0.00178	0.000625	ND		0.00174	0.000613
Chlordane	57-74-9	No Standard	No Standard	ND		0.014	0.00571	0.0519		0.0142	0.0058	0.0588	PI	0.0144	0.00588	0.0277		0.0141	0.00577
cis-Chlordane	5103-71-9	0.094	4.2	ND		0.00215	0.0006	0.0015	J	0.00219	0.00061	0.0148	P	0.00222	0.000619	0.0013	J	0.00218	0.000606
trans-Chlordane	5103-74-2	No Standard	No Standard	ND		0.00215	0.000569	0.0024	PI	0.00219	0.000578	0.00735	PI	0.00222	0.000586	0.00216	J	0.00218	0.000574
Dieldrin	60-57-1	0.005	0.2	ND		0.00108	0.000539	0.00138		0.00109	0.000547	0.000752	J	0.00111	0.000555	ND		0.00109	0.000544
Heptachlor	76-44-8	0.042	2.1	ND		0.000862	0.000386	0.00117	P	0.000876	0.000393	ND		0.000888	0.000398	ND		0.00087	0.00039

Data Not Validated

TABLE 3: SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
MARCH 2017 SOIL SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

			SAMPLE ID:	178GP01_0-2.5				178GP02_2.5-5				178GP03_2.5-5				178GP04_0-5			
			LAB ID:	L1706909-05				L1706909-06				L1706909-08				L1706909-09			
			COLLECTION DATE:	3/7/2017				3/7/2017				3/7/2017				3/7/2017			
			SAMPLE DEPTH (FT.):	0-2.5				2.5-5				2.5-5				0-5			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS	6 NYCRR 375 UNRESTRICTED USE SCOs[1] (mg/kg)	6 NYCRR RESTRICTED RESIDENTIAL USE SCOs[2] (mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PCBs																			
Aroclor 1242	53469-21-9	0.1	1	ND		0.0348	0.00425	0.0377		0.0376	0.0046	ND		0.036	0.00441	ND		0.0366	0.00448
Aroclor 1254	11097-69-1	0.1	1	ND		0.0348	0.00286	0.0292	J	0.0376	0.00309	ND		0.036	0.00296	ND		0.0366	0.00301
Aroclor 1260	11096-82-5	0.1	1	0.00775	J	0.0348	0.00265	0.0145	J	0.0376	0.00286	0.00756	J	0.036	0.00274	ND		0.0366	0.00279
PCBs, Total	1336-36-3	0.1	1	0.00775	J	0.0348	0.00265	0.0814	J	0.0376	0.00286	0.00756	J	0.036	0.00178	ND		0.0366	0.00181
Metals and Cyanide																			
Aluminum, Total	7429-90-5	No Standard	No Standard	6800		8.6	2.3	8000		8.8	2.4	6500		8.8	2.4	10,000		8.9	2.4
Antimony, Total	7440-36-0	No Standard	No Standard	0.84	J	4.3	0.33	0.68	J	4.4	0.33	1.1	J	4.4	0.34	0.92	J	4.4	0.34
Arsenic, Total	7440-38-2	13	16	2		0.86	0.18	1.8		0.88	0.18	1.7		0.88	0.18	1.6		0.89	0.18
Barium, Total	7440-39-3	350	400	42		0.86	0.15	48		0.88	0.15	53		0.88	0.15	110		0.89	0.15
Beryllium, Total	7440-41-7	7.2	72	0.2	J	0.43	0.03	0.25	J	0.44	0.03	0.19	J	0.44	0.03	0.18	J	0.44	0.03
Cadmium, Total	7440-43-9	2.5	4.3	ND		0.86	0.09	ND		0.88	0.09	0.09	J	0.88	0.09	ND		0.89	0.09
Calcium, Total	7440-70-2	No Standard	No Standard	41,000		8.6	3	30,000		8.8	3.1	15,000		8.8	3.1	8500		8.9	3.1
Chromium, Total	7440-47-3	30	180	26		0.86	0.08	17		0.88	0.08	19		0.88	0.09	26		0.89	0.09
Cobalt, Total	7440-48-4	No Standard	No Standard	5.1		1.7	0.14	4.1		1.8	0.14	5.5		1.8	0.15	6.7		1.8	0.15
Copper, Total	7440-50-8	50	270	24		0.86	0.22	20		0.88	0.23	25		0.88	0.23	26		0.89	0.23
Cyanide, Total	57-12-5	27	27	ND		1	0.17	0.22	J	1.1	0.18	ND		1	0.18	0.57	J	1.1	0.18
Iron, Total	7439-89-6	No Standard	No Standard	9900		4.3	0.78	9900		4.4	0.79	11,000		4.4	0.8	17,000		4.4	0.8
Lead, Total	7439-92-1	63	400	18		4.3	0.23	18		4.4	0.23	62		4.4	0.24	16		4.4	0.24
Magnesium, Total	7439-95-4	No Standard	No Standard	6900		8.6	1.3	3900		8.8	1.3	3400		8.8	1.4	7000		8.9	1.4
Manganese, Total	7439-96-5	1600	2000	280		0.86	0.14	200		0.88	0.14	390		0.88	0.14	260		0.89	0.14
Mercury, Total	7439-97-6	0.18	0.81	0.05	J	0.07	0.02	0.04	J	0.07	0.02	0.06	J	0.07	0.02	0.02	J	0.07	0.02
Nickel, Total	7440-02-0	30	310	13		2.2	0.21	8.5		2.2	0.21	14		2.2	0.21	16		2.2	0.21
Potassium, Total	7440-09-7	No Standard	No Standard	500		220	12	730		220	13	1000		220	13	5500		220	13
Selenium, Total	7782-49-2	3.9	180	0.34	J	1.7	0.22	0.59	J	1.8	0.23	ND		1.8	0.23	ND		1.8	0.23
Sodium, Total	7440-23-5	No Standard	No Standard	240		170	2.7	330		180	2.8	240		180	2.8	210		180	2.8
Vanadium, Total	7440-62-2	No Standard	No Standard	18		0.86	0.18	19		0.88	0.18	22		0.88	0.18	48		0.89	0.18
Zinc, Total	7440-66-6	109	10,000	37		4.3	0.25	35		4.4	0.26	78		4.4	0.26	61		4.4	0.26

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) Soil Cleanup Objectives (SCOs) for Restricted Residential Use Sites promulgated at 6 NYCRR Part 375.
ND denotes Non Detect.
NA denotes that the analyte was not requested to be analyzed by the laboratory
Q denotes the laboratory's data qualifier.
RL denotes the laboratory's Reporting Limit.
MDL denotes the laboratory's Method Detection Limit.
J denotes an estimated value. The target analyte concentration is below the RL, but above the MDL.
P denotes that the relative percent difference (RPD) between the results of the two columns exceeds the method-specific criteria.
PI denotes that the lower value for the two columns has been reported due to obvious interference.

TABLE 4: GROUNDWATER SAMPLING ANALYTICAL RESULTS SUMMARY Data Not Validated

2015 C.T. MALE PHASE II ESA

COTTAGE PLACE GARDENS PHASE 5 PARCEL

CITY OF YONKERS, WESTCHESTER COUNTY

Sample ID **Lab Sample Number** **Sampling Date** **Matrix** **Units**	**CAS #**	**NYSDEC GROUNDWATER STANDARD OR GUIDANCE VALUE[(1)] (ug/l)**	**MW-B** **G1091-03** **1/13/2015** **Water** **ug/L**	**MW-P** **G1091-04** **1/13/2015** **Water** **ug/L**
Volatile Organic Compounds				
Acetone	67-64-1	50 (GV)	2.50 U	**100**
Carbon Disulfide	75-15-0	No Standard	0.500 U	3.60 J
Semi-Volatile Organic Compounds				
Phenol	108-95-2	1	Not Analyzed	**2.00 J**
3+4-Methylphenols	65794-96-9	No Standard	Not Analyzed	12.4
Dimethylphthalate	131-11-3	50 (GV)	Not Analyzed	5.60 J
Metals & Cyanide				
Aluminum	7429-90-5	No Standard	39,300	767
Arsenic	7440-38-2	25	16.7	3.28 J
Barium	7440-39-3	1,000	407	214
Beryllium	7440-41-7	3 (GV)	1.90 J	0.750 U
Calcium	7440-70-2	No Standard	148,400	98,800
Chromium	7440-47-3	50	**110**	39.7
Cobalt	7440-48-4	No Standard	26.5	11.1 J
Copper	7440-50-8	200	144	2.66 J
Iron	7439-89-6	300	**48,100**	**2,210**
Lead	7439-92-1	25	**459**	3.92 J
Magnesium	7439-95-4	35,000 (GV)	27,900	25,300
Manganese	7439-96-5	300	**1,080**	**7,370**
Mercury	7439-97-6	0.7	**4.76**	0.100 U
Nickel	7440-02-0	100	93.3	36.6
Potassium	7440-09-7	No Standard	10,800	11,100
Selenium	7782-49-2	10	9.82 J	5.00 U
Sodium	7440-23-5	20,000	**32,000**	**362,200**
Vanadium	7440-62-2	No Standard	64.9	5.00 U
Zinc	7440-66-6	2,000 (GV)	411	5.62 J

(1) TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

New York State Department of Water, June 1998 and Addendums April 2000 and June 2004.

U indicates that the analyte was analyzed for, but not detected.

J indicates that the reported value was obtained from a reading that was less than the Contract Required Quantitation Limit, but greater than or equal to the Instrument Detection Limit (IDL).

Due to insufficient volume of groundwater in the monitoring wells when they were sampled, monitoring well MW-B was analyzed for VOCs and metals only, and monitoring well MW-P was analyzed for VOCs, SVOCs and metals only.

Data Not Validated

TABLE 5: GROUNDWATER SAMPLING ANALYTICAL RESULTS SUMMARY
MARCH 2017 GROUNDWATER SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

		SAMPLE ID:	178 MW01				178 MW02				178 MW03				178 MW04			
		LAB ID:	L1707302-01				L1707302-02				L1707302-03				L1707302-04			
		COLLECTION DATE:	3/8/2017				3/8/2017				3/8/2017				3/8/2017			
ANALYTE	CAS	NYSDEC GROUNDWATER STANDARD OR GUIDANCE VALUE[1] (ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Volatile Organic Compounds																		
Acetone	67-64-1	50 (GV)	3.8	J	5	1.5	14		5	1.5	ND		50	15	12		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	**4.7**		0.5	0.16	**58**		5	1.6	**22**		0.5	0.16
Chloroform	67-66-3	7	ND		2.5	0.7	0.92	J	2.5	0.7	ND		25	7	ND		2.5	0.7
Cyclohexane	110-82-7	NS	ND		10	0.27	2.2	J	10	0.27	30	J	100	2.7	2.8	J	10	0.27
Ethylbenzene	100-41-4	5	ND		2.5	0.7	**10**		2.5	0.7	**440**		25	7	2.9		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	1.4	J	2.5	0.7	**60**		25	7	1.1	J	2.5	0.7
Methyl cyclohexane	108-87-2	NS	ND		10	0.4	1.6	J	10	0.4	44	J	100	4	1.6	J	10	0.4
Methyl tert butyl ether	1634-04-4	10 (GV)	ND		2.5	0.7	1.6	J	2.5	0.7	**20**	J	25	7	2.4	J	2.5	0.7
Methylene chloride	75-09-2	5	ND		2.5	0.7	1.5	J	2.5	0.7	ND		25	7	ND		2.5	0.7
Toluene	108-88-3	5	ND		2.5	0.7	**6.9**		2.5	0.7	**300**		25	7	0.71	J	2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	0.18	J	0.5	0.18	ND		5	1.8	ND		0.5	0.18
Vinyl chloride	75-01-4	2	ND		1	0.07	0.13	J	1	0.07	ND		10	0.71	ND		1	0.07
o-Xylene	95-47-6	5	ND		2.5	0.7	**12**		2.5	0.7	**260**		25	7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	**25**		2.5	0.7	**940**		25	7	2.1	J	2.5	0.7
Semi-Volatile Organic Compounds																		
Acenaphthene	83-32-9	20 (GV)	ND		0.1	0.03	0.88		0.1	0.03	0.59		0.1	0.04	0.49		0.1	0.03
Acenaphthylene	208-96-8	NS	0.05	J	0.19	0.03	0.14	J	0.19	0.03	0.08	J	0.2	0.04	0.1	J	0.19	0.03
Anthracene	120-12-7	50 (GV)	0.07	J	0.19	0.03	0.29		0.19	0.03	0.22		0.2	0.04	0.32		0.19	0.03
Benzo(a)anthracene	56-55-3	0.002 (GV)	**0.1**	J	0.19	0.02	**0.19**		0.19	0.02	**0.15**	J	0.2	0.02	**0.42**		0.19	0.02
Benzo(a)pyrene	50-32-8	Non Detect	ND		0.19	0.04	0.17	J	0.19	0.04	0.09	J	0.2	0.04	0.47		0.19	0.04
Benzo(b)fluoranthene	205-99-2	0.002 (GV)	**0.05**	J	0.19	0.02	**0.24**		0.19	0.02	**0.14**	J	0.2	0.02	**0.62**		0.19	0.02
Benzo(ghi)perylene	191-24-2	NS	ND		0.19	0.04	0.08	J	0.19	0.04	ND		0.2	0.04	0.28		0.19	0.04
Benzo(k)fluoranthene	207-08-9	0.002 (GV)	ND		0.19	0.04	**0.08**	J	0.19	0.04	**0.05**	J	0.2	0.04	**0.24**		0.19	0.04
Carbazole	86-74-8	NS	ND		1.9	0.61	1.4	J	1.9	0.61	1.8	J	2	0.63	ND		1.9	0.6
Chrysene	218-01-9	0.002 (GV)	**0.1**	J	0.19	0.04	**0.2**		0.19	0.04	**0.14**	J	0.2	0.04	**0.46**		0.19	0.04
Dibenzo(a,h)anthracene	53-70-3	NS	ND		0.19	0.04	ND		0.19	0.04	ND		0.2	0.04	0.08	J	0.19	0.04
Dibenzofuran	132-64-9	NS	ND		1.9	0.64	0.85	J	1.9	0.64	ND		2	0.66	ND		1.9	0.63
Fluoranthene	206-44-0	50 (GV)	0.21		0.19	0.04	0.42		0.19	0.04	0.45		0.2	0.04	0.96		0.19	0.04
Fluorene	86-73-7	50 (GV)	ND		0.19	0.04	0.81		0.19	0.04	0.63		0.2	0.04	0.39		0.19	0.04
Indeno(1,2,3-cd)pyrene	193-39-5	0.002 (GV)	ND		0.19	0.04	**0.09**	J	0.19	0.04	**0.04**	J	0.2	0.04	**0.29**		0.19	0.04
2-Methylnaphthalene	91-57-6	NS	ND		0.19	0.04	1.8		0.19	0.04	13		0.2	0.05	0.18	J	0.19	0.04
3-Methylphenol/4-Methylphenol	108-39-4	NS	ND		4.8	1.1	ND		4.8	1.1	1.8	J	5	1.1	ND		4.8	1.1
Naphthalene	91-20-3	10 (GV)	ND		0.19	0.04	6.9		0.19	0.04	**68**		1	0.22	0.76		0.19	0.04
Pentachlorophenol	87-86-5	1	ND		0.78	0.21	ND		0.78	0.21	0.34	J	0.8	0.22	0.35	J	0.78	0.21
Phenanthrene	85-01-8	50 (GV)	0.05	J	0.19	0.01	1		0.19	0.01	1		0.2	0.02	0.53		0.19	0.01
Pyrene	129-00-0	50 (GV)	0.16	J	0.19	0.04	0.35		0.19	0.04	0.33		0.2	0.04	0.88		0.19	0.04
Pesticides and PCBs (None Detected Above the Laboratory's Method Detection Limits)																		
Metals and Cyanide																		
Aluminum, Total	7429-90-5	NS	66,000		100	30	44,000		100	30	22,000		100	30	3500		100	30
Arsenic, Total	7440-38-2	25	22		5	2	13		5	2	10		5	2	ND		5	2
Barium, Total	7440-39-3	1000	**1220**		10	2	409		10	2	368		10	2	182		10	2
Beryllium, Total	7440-41-7	3 (GV)	2	J	5	1	2	J	5	1	ND		5	1	ND		5	1

Data Not Validated

TABLE 5: GROUNDWATER SAMPLING ANALYTICAL RESULTS SUMMARY
MARCH 2017 GROUNDWATER SAMPLING
COTTAGE PLACE GARDENS PHASE 5 PARCEL
CITY OF YONKERS, WESTCHESTER COUNTY

		SAMPLE ID:	178 MW01				178 MW02				178 MW03				178 MW04			
		LAB ID:	L1707302-01				L1707302-02				L1707302-03				L1707302-04			
		COLLECTION DATE:	3/8/2017				3/8/2017				3/8/2017				3/8/2017			
ANALYTE	CAS	NYSDEC GROUNDWATER STANDARD OR GUIDANCE VALUE[1] (ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Cadmium, Total	7440-43-9	5	2	J	5	1	2	J	5	1	ND		5	1	ND		5	1
Calcium, Total	7440-70-2	NS	360,000		100	40	180,000		100	40	81,000		100	40	160,000		100	40
Chromium, Total	7440-47-3	50	**290**		10	2	**90**		10	2	**90**		10	2	8	J	10	2
Cobalt, Total	7440-48-4	NS	100		20	2	31		20	2	32		20	2	3	J	20	2
Copper, Total	7440-50-8	200	**499**		10	2	155		10	2	153		10	2	24		10	2
Cyanide, Total	57-12-5	200	2	J	5	1	10		5	1	2	J	5	1	2	J	5	1
Iron, Total	7439-89-6	300	**96,000**		50	10	**48,000**		50	10	**36,000**		50	10	**15,000**		50	10
Lead, Total	7439-92-1	25	**599**		10	3	**382**		10	3	**186**		10	3	20		10	3
Magnesium, Total	7439-95-4	35,000 (GV)	66,000		100	20	13,000		100	20	20,000		100	20	24,000		100	20
Manganese, Total	7439-96-5	300	**7820**		10	2	**1900**		10	2	**1360**		10	2	**1780**		10	2
Mercury, Total	7439-97-6	0.7	0.18	J	0.2	0.06	0.36		0.2	0.06	0.14	J	0.2	0.06	ND		0.2	0.06
Nickel, Total	7440-02-0	100	**212**		25	2	52		25	2	74		25	2	6	J	25	2
Potassium, Total	7440-09-7	NS	16,000		2500	240	15,000		2500	240	12,000		2500	240	24,000		2500	240
Selenium, Total	7782-49-2	10	4	J	10	4	ND		10	4	ND		10	4	ND		10	4
Sodium, Total	7440-23-5	20,000	300,000		2000	120	**240,000**		2000	120	**220,000**		2000	120	**260,000**		2000	120
Vanadium, Total	7440-62-2	NS	183		10	2	98		10	2	72		10	2	9.9	J	10	2
Zinc, Total	7440-66-6	2000 (GV)	774		50	2	430		50	2	247		50	2	31	J	50	2

(1) TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. New York State Department of Water, June 1998 and Addendums April 2000 and June 2004.

RL denotes the laboratory's Reporting Limit

MDL denotes the laboratory's Method Detection Limit

J indicates that the reported value was obtained from a reading that was less than the RL, but greater than the MDL

APPENDIX C

SUBSURFACE EXPLORATION LOGS

C.T. MALE ASSOCIATES

TEST BORING LOG

BORING NO.: SB2016-1
ELEVATION: **DATUM:**
LATITUDE: **LONGITUDE:**
START DATE: 12/21/2016 **FINISH DATE: 12/21/2016**
SHEET 1 OF 1

PROJECT: Proposed Cottage Place Gardens Redevelopment CTM PROJECT NO.: 16.6664

LOCATION: Yonkers, New York CTM OBSERVER: T. Morgan

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION
		1	-	5	5	9	10	0.7'	ASPHALT (±3")
									SUBBASE (3 inch stone) (±6")
		2	3	9	6	6	15	0.3'	Brown fine SAND & SILT, little gravel (Moist)
									- grades frequent cobbles ±4'
5		3	3	5	4	5	9	0.2'	- seam of black fine to coarse SAND & GRAVEL, little silt ±6.3-6.5'
		4	54	11	10	36	21	0.7'	(Moist to Wet - Loose to Firm) ±6.5'
									Brown fine SAND, Some Silt, little gravel (Moist)
		5	21	19	16	27	35	0.2'	
10									
		6	11	9	14	14	23	1.6'	- grades little silt, occasional cobbles ±10'
15									- grades frequent cobbles
		7	26	47	50/.4	-	100+	0.4'	(Moist - Loose to Very Compact
									End of Boring @ 17.5'
									(Auger Refusal, Sample Refusal @ 16.4')
20									
25									
30									

NOTES

Note #1: Upon completion of test boring, a groundwter monitoring well was constructed. See MW Construction Log MW2016-1.

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: NYEG Drilling, LLC

DRILL RIG TYPE: Diedrich D-120 track mounted drill rig

METHOD OF INVESTIGATION: 4-1/4 inch ID Hollow Stem Augers w/ Automatic Safety Hammer

GROUNDWATER LEVEL

DATE	LEVEL	CASING	STABILIZATION TIME
12/21	-	17.5'	End of Boring

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: T. Morgan

C.T. MALE ASSOCIATES

TEST BORING LOG

BORING NO.: SB2016-3
ELEVATION: **DATUM:**
LATITUDE: **LONGITUDE:**
START DATE: 12/20/2016 **FINISH DATE:** 12/21/2016
SHEET 1 OF 1

PROJECT: Proposed Cottage Place Gardens Redevelopment CTM PROJECT NO.: 16.6669

LOCATION: Yonkers, New York CTM OBSERVER: T. Morgan

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION
		1	2	3	13	8	16	0.7'	TOPSOIL (±5")
									FILL: Brown SILT, Some fine Sand, trace gravel, occasional ash &
		2	7	4	4	5	8	1.1'	brick (Moist)
									- grades occasional wood ±2'
5		3	3	2	2	2	4	0.3'	- possible former topsoil layer ±4'
									(Moist - Loose to Firm) ±6'
		4	3	7	18	30	25	0.3'	Brown fine SAND, little silt, frequent cobbles (Moist)
		5	32	44	41	46	85	0.1'	
10									
		6	6	12	13	11	25	1.7'	- grades little gravel
		7	14	15	20	50	35	1.0'	- seam of fine to medium SAND, trace silt & gravel ±12.2-12.4'
15		8	19	17	23	30	40	1.1'	
20									
		9	7	42	37	51	79	0.9'	- grades occasional cobbles
									(Moist - Firm to Very Compact)
									End of Boring @ 22'
25									
30									

NOTES

Note 1: Auger chatter noted at depths of ±8-8.5', ±12', ±17.5-18.5'

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: NYEG Drilling, LLC

DRILL RIG TYPE: Diedrich D-120 track mounted drill rig

METHOD OF INVESTIGATION: 4-1/4 inch ID Hollow Stem Augers with Automatic Safety Hammer

GROUNDWATER LEVEL

DATE	LEVEL	CASING	STABILIZATION TIME
12/14	-	20'	End of Boring

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:

T. Morgan

C.T. MALE ASSOCIATES

TEST BORING LOG

BORING NO.: SB2016-6
ELEVATION: **DATUM:**
LATITUDE: **LONGITUDE:**
START DATE: 12/20/2016 **FINISH DATE: 12/20/2016**
SHEET 1 OF 1

PROJECT: Proposed Cottage Place Gardens Redevelopment CTM PROJECT NO.: 16.6664

LOCATION: Yonkers, New York CTM OBSERVER: T. Morgan

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION
		1	3	3	6	8	9	1.8'	TOPSOIL (±6")
									FILL: Gray fine SAND, little silt & gravel, occasional
		2	9	23	14	6	37	1.0'	cobbles, rock fragments, slag & cinders (Moist)
									- seam of black broken rock fragments (Moist-Wet) ±2.5-2.8
5		3	9	10	8	2	18	0.4'	- becomes Brown fine SAND & SILT, little to Some
									Gravel, occasional cobbles (Moist) ±2.8'
		4	3	5	12	10	17	1.3'	- grades occasional brick ±4'
									(Moist to Wet - Loose to Compact) ±6'
		5	47	46	22	21	68	1.2'	Brown fine SAND & SILT (Moist-Wet)
10									- grades little silt, trace gravel (Moist) ±6.5'
		6	8	18	23	35	41	1.2'	- seam of Brown-gray mottled fine SAND & SILT ±8.5-8.7
									- grades little gravel, occasional cobbles ±10.5'
15									(Moist to Wet - Firm to Very Compact)
		7	29	50/.4	-	-	100+	0.7'	
									End of Boring @ 15.9'
									(Sampler Refusal See Note 2)
20									
25									
30									

NOTES

Note 1: Auger chatter noted at depths of ±12-12.5'

Note 2: Upon removal of split barrel sampler after advancing sample S-7, shoe of sampler had fallen off and could not be recovered.

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: NYEG Drilling, LLC

DRILL RIG TYPE: Diedrich D-120 track mounted drill rig

METHOD OF INVESTIGATION: 4-1/4 inch ID Hollow Stem Augers w/ Automatic Safety Hammer

GROUNDWATER LEVEL

DATE	LEVEL	CASING	STABILIZATION TIME
12/20	-	15'	End of Boring

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: T. Morgan

C.T. MALE ASSOCIATES

TEST BORING LOG

BORING NO.: SB2016-8
ELEVATION: **DATUM:**
LATITUDE: **LONGITUDE:**
START DATE: 12/20/2016 **FINISH DATE: 12/20/2016**
SHEET 1 OF 1

PROJECT: Proposed Cottage Place Gardens Redevelopment CTM PROJECT NO.: 16.6664

LOCATION: Yonkers, New York CTM OBSERVER: T. Morgan

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION
		1	2	3	71	51/.2	74	0.7'	TOPSOIL (±5")
									FILL: Brown SILT & fine SAND (Moist)
		2	6	7	15	20	22	0.4'	- cobble & brick fragments
									(Moist - Firm to Very Compact) ±4.5'
5		3	4	8	15	12	23	1.3'	
									Brown fine SAND, little silt, trace gravel, frequent
		4	17	11	13	11	24	1.1'	cobbles (Moist)
		5	6	10	16	50/.3	26	0.9'	- grades Some Silt (Moist to Wet)
10									
		6	59	18	32	38	50	0.7'	- grades little silt & gravel, occasional cobbles
									- cobble fragments
15									(Moist to Wet - Firm to Very Compact)
		7	100/.5	-	-	-	100+	0.4'	
									End of Boring @ 15.5'
									(Sampler Refusal, Auger Refusal @ 15')
20									
25									
30									

NOTES

Note 1: Auger chatter noted at depths of ±12-13.5'

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: NYEG Drilling, LLC

DRILL RIG TYPE: Diedrich D-120 track mounted drill rig

METHOD OF INVESTIGATION: 4-1/4 inch ID Hollow Stem Augers w/ Automatic Safety Hammer

GROUNDWATER LEVEL

DATE	LEVEL	CASING	STABILIZATION TIME
12/20	-	15'	End of Boring

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: T. Morgan

C.T. MALE ASSOCIATES

TEST BORING LOG

BORING NO.: SB2016-9
ELEVATION: **DATUM:**
LATITUDE: **LONGITUDE:**
START DATE: 12/14/2016 **FINISH DATE:** 12/14/2016
SHEET 1 OF 1

PROJECT: Proposed Cottage Place Gardens Redevelopment CTM PROJECT NO.: 16.6669

LOCATION: Yonkers, New York CTM OBSERVER: T. Morgan

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION
									ASHALT (±4")
		1	-	-	5	21	5	0.7'	SUBBASE (3 inch stone) (±5")
		2	16	18	23	18	41	1.1'	FILL: Brown fine SAND & SILT, little gravel, trace cinders & brick, occassional cobbles (Moist)
5		3	11	30	14	15	44	1.3'	- becomes fine to medium SAND, little silt ±2'
									- grades no cobbles ±2.5'
		4	12	13	20	31	33	1.8'	- grades trace brick, occasional cobbles ±4'
									- grades no brick ±6'
		5	35	19	22	17	41	2.0'	- grades trace brick ±9'
10									(Moist - Loose to Compact) ±10'
		6	20	23	24	24	47	1.4'	Brown fine SAND, little silt, trace to little coarse sand & gravel, occasional cobbles (Moist)
									- grades little to Some Silt ±11'
									(Moist - Compact)
15									End of Boring @ 15' (See Note 3)
20									
25									
30									

NOTES

Note 1: Slight odor noted to samples S-1, S-2, S-4 & S-5

Note 2: Auger chatter noted at depths of ±7-7.5', ±9-10', ±10.5-13', ±14-14.5'

Note 3: Upon advancement to 15 feet, appr. 6.5' of stick-up was observed upon lowering of sampler. Obstruction could not be cleared & augers were extracted. Approximately 6.5' of augers were sheered off and could not be retrieved. Hole was abandoned.

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: NYEG Drilling, LLC

DRILL RIG TYPE: Diedrich D-120 track mounted drill rig

METHOD OF INVESTIGATION: 4-1/4 inch ID Hollow Stem Augers with Automatic Safety Hammer

GROUNDWATER LEVEL

DATE	LEVEL	CASING	STABILIZATION TIME
12/14	-	15'	End of Boring

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:

T. Morgan

C.T. MALE ASSOCIATES

DIRECT-PUSH EXPLORATION LOG

BORING NO.:	**178GP01**		
ELEV.:		**DATUM:**	
START DATE:	**3/7/2017**	**FINISH DATE:**	**3/7/2017**
SHEET	**1 of 1**		

PROJECT:	CPG Phase 5 Parcel	CTM PROJECT NO.:	16.6669
LOCATION:	City of Yonkers, Westchester County, NY	CTM OBSERVER:	Dan Achtyl

DEPTH (FT)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
		1	3.0	Gray brown fine to medium SAND & SILT, Some Gravel (Moist)	Asphalt at surface
2				CONCRETE	
				±3'	
4				Brown fine to medium SAND & SILT, Some Gravel (Moist)	
6		2	5.0		While advancing geoprobe,
					rods and hole filling with water
8					but soils did not appear wet
10				±10'	
		3	5.0	Brown fine to coarse SAND & GRAVEL (Wet)	
12				End of Boring at ±11.2'	Refusal at ±11.2'
14					Monitoring well installed. See
					Monitoring Well Construction
16					Log for 178MW01
18					
20					

DRILLING CONTRACTOR:	Aquifer Drilling and Testing, Inc.
DIRECT-PUSH TYPE:	77200 DT Track Mounted Geoprobe
METHOD OF SAMPLING:	5' Macro-Core

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:
DA

C.T. MALE ASSOCIATES

DIRECT-PUSH EXPLORATION LOG

BORING NO.:	**178GP02**		
ELEV.:		**DATUM:**	
START DATE:	**3/7/2017**	**FINISH DATE:**	**3/7/2017**
SHEET	**1 of 1**		

PROJECT:	CPG Phase 5 Parcel	CTM PROJECT NO.:	16.6669
LOCATION:	City of Yonkers, Westchester County, NY	CTM OBSERVER:	Dan Achtyl

DEPTH (FT)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
2		1	3.5	Gray brown fine to medium SAND, Some Silt, Gravel, trace brick, concrete (Moist)	Asphalt at surface
4				±4'	Geoprobe advancing slowly
				CONCRETE ±5'	at ±3.5'
6		2	2.0	Gray brown fine to coarse SAND & SILT, Some Gravel (Wet)	
8				±7.5'	
				Brown fine to coarse SAND & SILT, Some Gravel (Moist)	
10				10'	
		3	2.5	Brown fine to coarse SAND & GRAVEL (Saturated) Brown fine to coarse SAND & SILT, Some Gravel (Moist)	
12				End of Boring at ±11.2'	Refusal at ±11.2'
14					Monitoring well installed. See Monitoring Well Construction
16					Log for 178MW02
18					
20					

DRILLING CONTRACTOR:	Aquifer Drilling and Testing, Inc.
DIRECT-PUSH TYPE:	77200 DT Track Mounted Geoprobe
METHOD OF SAMPLING:	5' Macro-Core

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: DA

C.T. MALE ASSOCIATES

DIRECT-PUSH EXPLORATION LOG

BORING NO.:	**178GP03**		
ELEV.:		**DATUM:**	
START DATE:	**3/7/2017**	**FINISH DATE:**	**3/7/2017**
SHEET	**1 of 1**		

PROJECT:	CPG Phase 5 Parcel	CTM PROJECT NO.:	16.6669
LOCATION:	City of Yonkers, Westchester County, NY	CTM OBSERVER:	Dan Achtyl

DEPTH (FT)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
2		1	4.0	Brown fine to coarse SAND & SILT, Some Brick, trace ash, concrete, gravel (Moist) ±2.5'	Asphalt at surface
4				Gray brown fine to coarse SAND & SILT, trace gravel, organics (Moist) ±5'	
6		2	3.0	Gray brown fine to coarse SAND & SILT (Moist)	
8				±8'	
10				Brown fine to coarse SAND & SILT, little gravel, trace cobbles ±10'	(Moist)
		3	2.0	Brown fine to coarse SAND & GRAVEL (Saturated) Brown fine to coarse SAND & SILT, little gravel (Moist)	
12				End of Boring at ±11.2'	Refusal at ±11.2'
14					Monitoring well installed. See Monitoring Well Construction Log for 178MW03
16					
18					
20					

DRILLING CONTRACTOR:	Aquifer Drilling and Testing, Inc.
DIRECT-PUSH TYPE:	77200 DT Track Mounted Geoprobe
METHOD OF SAMPLING:	5' Macro-Core

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: DA

C.T. MALE ASSOCIATES

DIRECT-PUSH EXPLORATION LOG

BORING NO.:	**178GP04**		
ELEV.:		**DATUM:**	
START DATE:	**3/7/2017**	**FINISH DATE:**	**3/7/2017**
SHEET	**1 of 1**		

PROJECT: CPG Phase 5 Parcel
CTM PROJECT NO.: 16.6669
LOCATION: City of Yonkers, Westchester County, NY
CTM OBSERVER: Dan Achtyl

DEPTH (FT)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
2		1	2.5	Gray brown fine SAND, Some Silt, trace brick, gravel (Moist to Wet)	Asphalt at surface
4				±5'	Drilling slowly at 3', refusal at 4.5', offset and make second attempt
6		2	2.0	GRAVEL (Wet)	
				±7'	
8				Gray fine to medim SAND, Some Silt Gravel (Wet)	
				±8.8'	
10				End of Boring at ±8.8'	Refusal at ±8.8'
12					Monitoring well installed. See Monitoring Well Construction Log for 178MW04
14					
16					
18					
20					

DRILLING CONTRACTOR: Aquifer Drilling and Testing, Inc.
DIRECT-PUSH TYPE: 77200 DT Track Mounted Geoprobe
METHOD OF SAMPLING: 5' Macro-Core

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE EVALUATION. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T. MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY: DA

APPENDIX D

ORGANIC VAPOR HEADSPACE ANALYSIS LOGS

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	CPG Phase 4/5 Phase II ESA		**PROJECT #:**	16.6664/16.6669	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE**
LOCATION:	City of Yonkers, New York				**COLLECTED:** 12.14.2016
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE**
DATE INSTRUMENT CALIBRATED:	12.14.2016	**BY:**	T. Morgan		**ANALYZED:** 12.14.2016
TEMPERATURE OF SOIL:	ambient				**ANALYST:** T. Morgan

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-9	S-1	0-2	Soil	1.0	0.5	No odor/No staining
B-9	S-2	2-4	Soil	1.6	0.3	No odor/No staining
B-9	S-3	4-6	Soil	1.0	0.5	No odor/No staining
B-9	S-4	6-8	Soil	0.8	0.5	No odor/No staining
B-9	S-5	8-10	Soil	0.7	0.4	No odor/No staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	CPG Phase 4/5 Phase II ESA		**PROJECT #:**	16.6664/16.6669	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE**
LOCATION:	City of Yonkers, New York				**COLLECTED:** 12.20.2016
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE**
DATE INSTRUMENT CALIBRATED:	12.20.2016	**BY:**	T. Morgan		**ANALYZED:** 12.20.2016
TEMPERATURE OF SOIL:	ambient				**ANALYST:** T. Morgan

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-6	S-1	0-2	Soil	3.8	0.5	No odor/No stain
B-6	S-2	2-4	Soil	3.1	0.7	No odor/No stain
B-6	S-3	4-6	Soil	3.7	0.8	No odor/No stain
B-6	S-4	6-8	Soil	3.4	0.8	No odor/No stain
B-8	S-1	0-2	Soil	2.9	0.6	No odor/No stain
B-8	S-2	2-4	Soil	2.7	0.6	No odor/No stain
B-8	S-3	4-6	Soil	1.9	0.7	No odor/No stain
B-8	S-4	6-8	Soil	2.3	0.7	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	CPG Phase 4/5 Phase II ESA		**PROJECT #:**	16.6664/16.6669	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE**
LOCATION:	City of Yonkers, New York				**COLLECTED:** 12.21.2016
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE**
DATE INSTRUMENT CALIBRATED:	12.21.2016	**BY:**	T. Morgan		**ANALYZED:** 12.21.2016
TEMPERATURE OF SOIL:	ambient				**ANALYST:** T. Morgan

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-1	S-1	0.5-2	Soil	1.4	0.2	No odor/No staining
B-1	S-2	2-4	Soil	1.3	0.3	No odor/No staining
B-1	S-3	4-6	Soil	2.8	0.2	No odor/No staining
B-1	S-4	6-8	Soil	2.8	0.3	No odor/No staining
B-3	S-1	0-2	Soil	0.9	0.2	No odor/No staining
B-3	S-2	2-4	Soil	1.6	0.2	No odor/No staining
B-3	S-3	4-6	Soil	1.3	0.3	No odor/No staining
B-3	S-4	6-8	Soil	1.3	0.3	No odor/No staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT: Cottage Place Gardens	**PROJECT #: 16.6669**	**PAGE 1 OF 1**
CLIENT: Community Builders		**DATE**
LOCATION: Yonkers, NY		**COLLECTED: 3/7/17**
INSTRUMENT USED: MiniRae 3000	**LAMP 10.6 eV**	**DATE**
DATE INSTRUMENT CALIBRATED: 3/6/2017	**BY:** DA	**ANALYZED: 3/7/17**
TEMPERATURE OF SOIL: Ambient		**ANALYST: DA**

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
178GP01	1	0-2.5	Soil	2.5	0.2	No odors / No staining
178GP01	2	2.5-5	Soil	2.1	0.2	No odors / No staining
178GP01	3	5-7.5	Soil	2.0	0.2	No odors / No staining
178GP01	4	7.5-10	Soil	1.7	0.2	No odors / No staining
178GP01	5	10-11.2	Soil	1.8	0.2	No odors / No staining
178GP02	1	0-2.5	Soil	4.2	0.2	No odors / No staining
178GP02	2	2.5-5	Soil	253	0.2	Petroleum odor / No staining
178GP02	3	5-10	Soil	138	0.2	Petroleum odor / No staining
178GP02	4	10-11	Soil	17.9	0.2	Faint petro odor / No staining
178GP03	1	0-2.5	Soil	115	0.2	Faint petro odor / No staining
178GP03	2	2.5-5	Soil	734	0.2	Petroleum odor / No staining
178GP03	3	5-7.5	Soil	36.0	0.2	Faint petro odor / No staining
178GP03	4	7.5-10	Soil	7.0	0.2	No odors / No staining
178GP03	5	10-11.2	Soil	24.0	0.2	Faint petro odor / No staining
178GP04	1	0-5	Soil	35.0	0.2	No odors/Possible black staining
178GP04	2	5-8.8	Soil	103	0.2	Faint petro odor / No staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

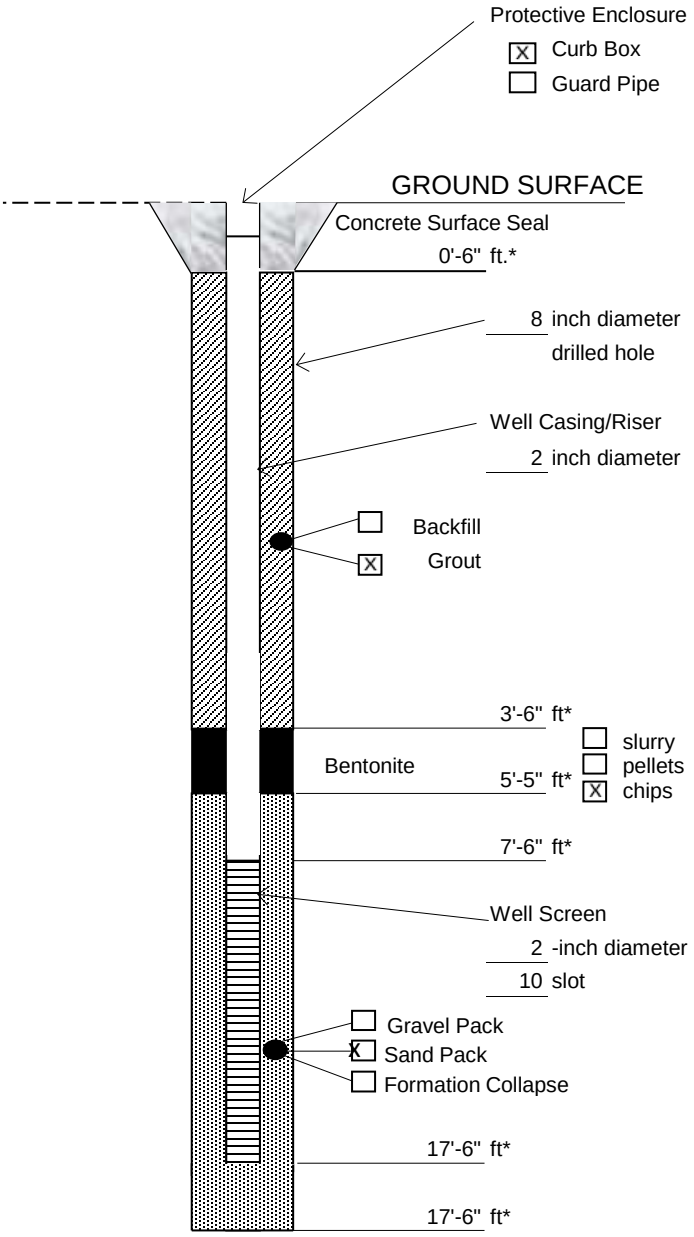
APPENDIX E

MONITORING WELL CONSTRUCTION LOGS

Well No. MW2016-1

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens
Phase 4

Project Number: 16.6664

Well No.: MW2016-1 Boring No.: SB2016-1

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/15/2016

Drilling Contractor: NYEG Drilling, LLC.

Drilling Method: Rotary Drilling of 4¼" ID Hollow Stem Auger

Water Depth From Top of Riser: - ft 12/28/2016 Date

C.T. Male Observer: T. Morgan

Materials Used:

6¼	Bags of Sand	(50	lb. bags)
	Sand Size: #0	Brand:	US Silica
1	Bags of Bentonite	(50	lb. bags)
	Brand: PDS Bentonite Plug		
10	ft. of Sch. 40 10 slot		well screen
10	ft. of Sch. 40		well riser
2	Bags of Cement/Concrete	(80	lb. bags)
	Brand: Quikrete High Early Strength Concrete		

Grout Mixture:

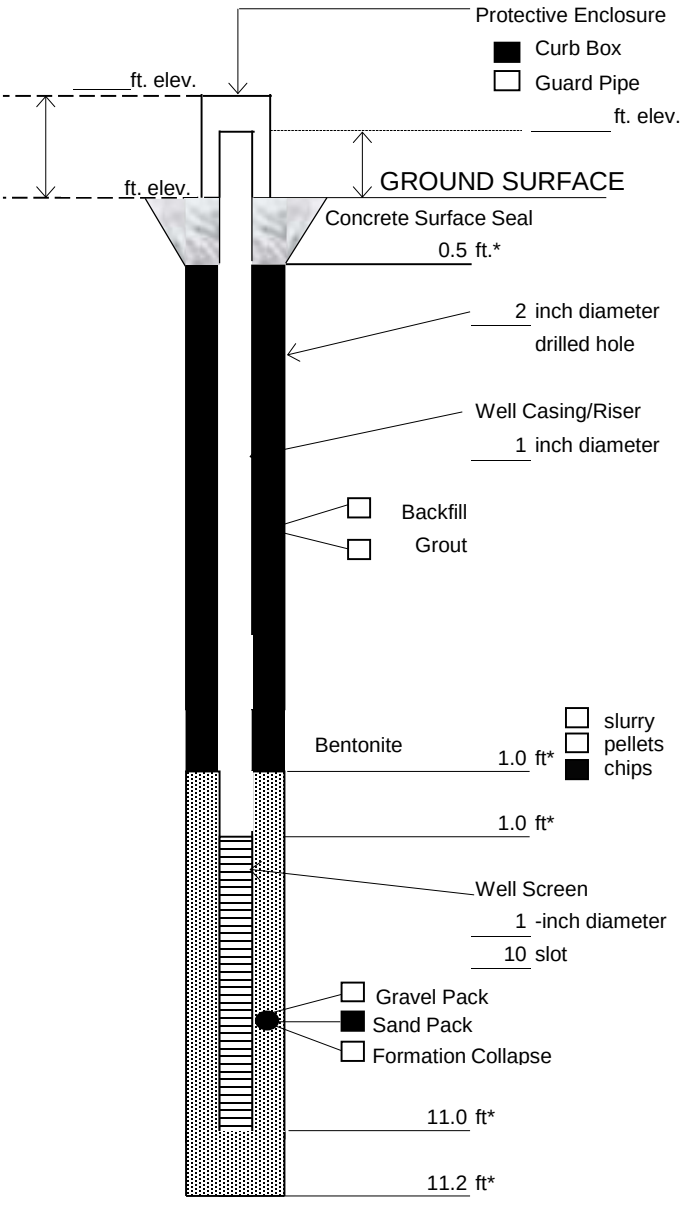
½	Bags of Cement	(94 lb. bags)
-	Lbs. of Bentonite	
2	Gallons of Water	
1	Grout Batches	

Notes:

Well No. 178MW01

C.T. MALE ASSOCIATES

MONITORING WELL CONSTRUCTION LOG



* Depth below ground surface.

Project Name: Cottage Place Gardens
Phase 5 Parcel

Project Number: 16.6669

Well No.: 178MW01 Boring No.: 178GP01

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 3/7/2017

Drilling Contractor: Aquifer Drilling & Testing, Inc.

Drilling Method: Geoprobe

Water Depth From Top of Riser: 0.3 ft 3/8/17 (Date)

C.T. Male Observer: Dan Achtyl

Materials Used:

- 1/2 Bags of Sand (50 lb. bags)
  Sand Size: #0 Brand: Filpro
- 1/10 Bags of Bentonite (50 lb. bags)
  Brand: Cetco Granular
- 10 ft. of PVC well screen
- 1 ft. of PVC well riser
- 1/8 Bags of Cement/Concrete (55 lb. bags)
  Brand: Rapid Set

Grout Mixture:

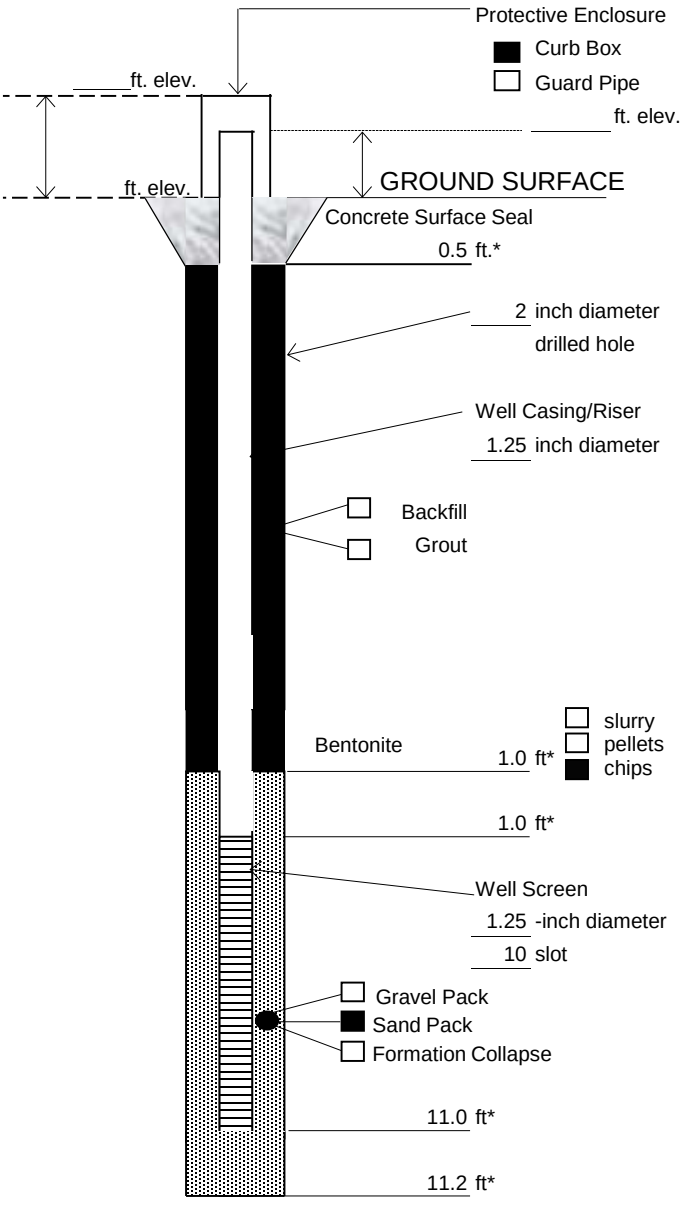
- _____ Bags of Cement (_____ lb. bags)
- _____ Lbs. of Bentonite
- _____ Gallons of Water
- _____ Grout Batches

Notes:

C.T. MALE ASSOCIATES

Well No. 178MW02

MONITORING WELL CONSTRUCTION LOG



* Depth below ground surface.

Project Name: Cottage Place Gardens
Phase 5 Parcel

Project Number: 16.6669

Well No.: 178MW02 Boring No.: 178GP02

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 3/7/2017

Drilling Contractor: Aquifer Drilling & Testing, Inc.

Drilling Method: Geoprobe

Water Depth From Top of Riser: 1.92 ft 3/8/17 (Date)

C.T. Male Observer: Dan Achtyl

Materials Used:

- 1/2 Bags of Sand (50 lb. bags)
  Sand Size: #0 Brand: Filpro
- 1/10 Bags of Bentonite (50 lb. bags)
  Brand: Cetco Granular
- 10 ft. of PVC well screen
- 1 ft. of PVC well riser
- 1/8 Bags of Cement/Concrete (55 lb. bags)
  Brand: Rapid Set

Grout Mixture:

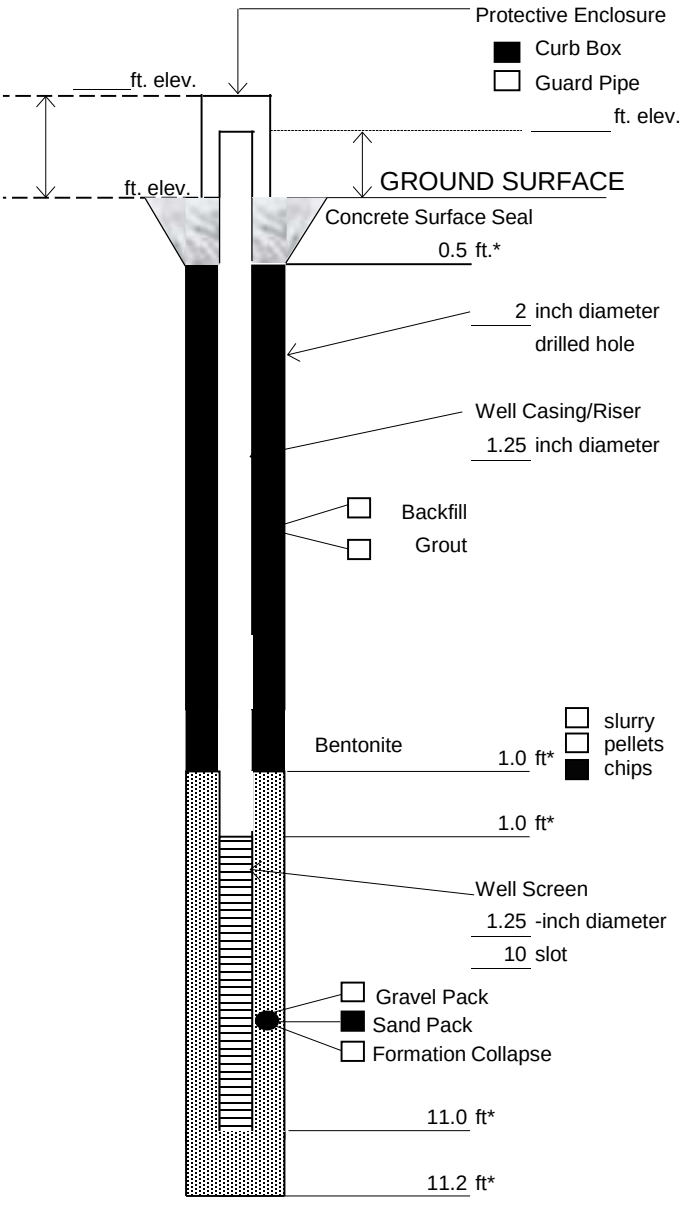
- _____ Bags of Cement (_____ lb. bags)
- _____ Lbs. of Bentonite
- _____ Gallons of Water
- _____ Grout Batches

Notes:

C.T. MALE ASSOCIATES

Well No. 178MW03

MONITORING WELL CONSTRUCTION LOG



* Depth below ground surface.

Project Name: Cottage Place Gardens
Phase 5 Parcel

Project Number: 16.6669

Well No.: 178MW03 Boring No.: 178GP03

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 3/7/2017

Drilling Contractor: Aquifer Drilling & Testing, Inc.

Drilling Method: Geoprobe

Water Depth From Top of Riser: 3.37 ft 3/8/17 (Date)

C.T. Male Observer: Dan Achtyl

Materials Used:

- 1/2 Bags of Sand (50 lb. bags)
  Sand Size: #0 Brand: Filpro
- 1/10 Bags of Bentonite (50 lb. bags)
  Brand: Cetco Granular
- 10 ft. of PVC well screen
- 1 ft. of PVC well riser
- 1/8 Bags of Cement/Concrete (55 lb. bags)
  Brand: Rapid Set

Grout Mixture:

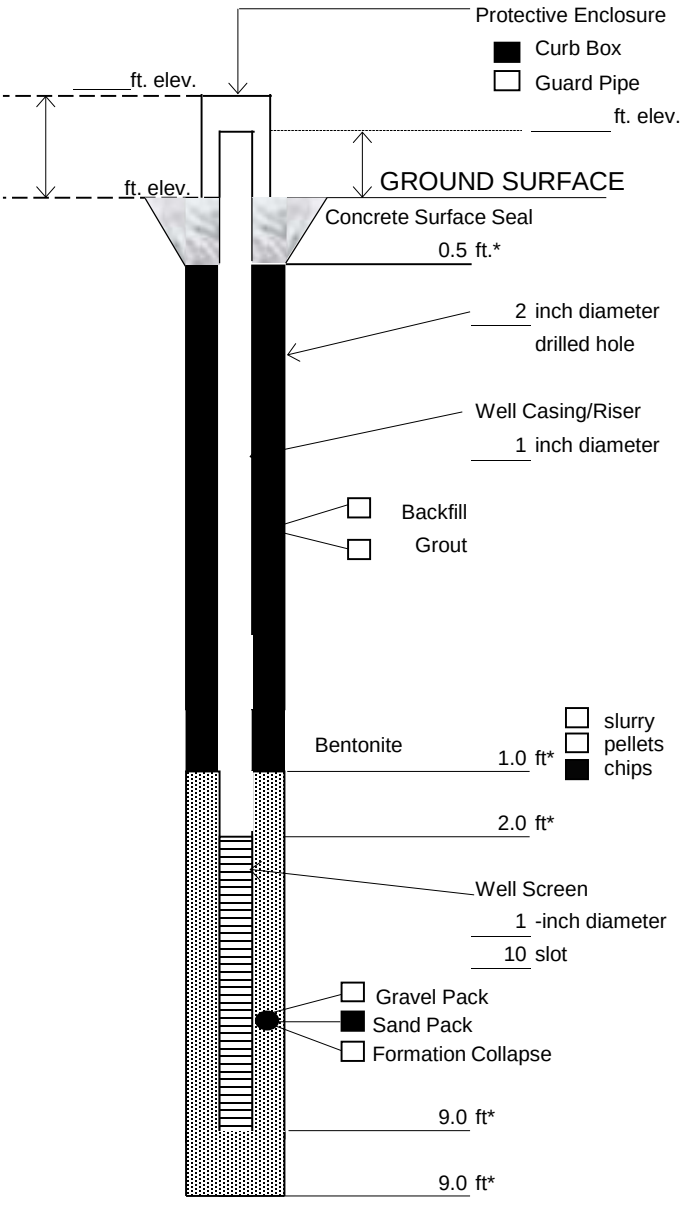
- _____ Bags of Cement (_____ lb. bags)
- _____ Lbs. of Bentonite
- _____ Gallons of Water
- _____ Grout Batches

Notes:

Well No. 178MW04

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens
Phase 5 Parcel

Project Number: 16.6669

Well No.: 178MW04 Boring No.: 178GP04

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 3/7/2017

Drilling Contractor: Aquifer Drilling & Testing, Inc.

Drilling Method: Geoprobe

Water Depth From Top of Riser: 1.22 ft 3/8/17 (Date)

C.T. Male Observer: Dan Achtyl

Materials Used:

1/2	Bags of Sand	(50 lb. bags)
	Sand Size: #0	Brand: Filpro
1/10	Bags of Bentonite	(50 lb. bags)
	Brand: Cetco Granular	
7	ft. of PVC	well screen
2	ft. of PVC	well riser
1/8	Bags of Cement/Concrete	(55 lb. bags)
	Brand: Rapid Set	

Grout Mixture:

	Bags of Cement	(lb. bags)
	Lbs. of Bentonite	
	Gallons of Water	
	Grout Batches	

Notes:

APPENDIX F

LABORATORY ANALYTICAL REPORTS

(SOIL/FILL)

ANALYTICAL REPORT

Lab Number:	L1640718
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG YONKERS NY
Project Number:	Not Specified
Report Date:	12/22/16

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), 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: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1640718-01	B-9, 5-2, 2-4'	SOIL	Not Specified	12/14/16 13:20	12/14/16

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Case Narrative (continued)

Report Submission

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

Metals

L1640718-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution 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: Michelle M. Morris

Title: Technical Director/Representative Date: 12/22/16

ORGANICS

VOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/16 13:52
Analyst: JC
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.1	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.36	1
o-Xylene	ND		ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	4.9	J	ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	ND		ug/kg	20	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	20	0.28	1
Methyl cyclohexane	ND		ug/kg	4.1	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	72.6	J	ug/kg	1
Unknown Naphthalene	3.29	J	ug/kg	1
Unknown Aromatic	25.4	J	ug/kg	1
Unknown Naphthalene	2.97	J	ug/kg	1
Unknown Naphthalene	4.95	J	ug/kg	1
Unknown Aromatic	36.0	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Methylene chloride	79		80		70-130	1		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	105		103		70-130	2		30
Carbon tetrachloride	127		124		70-130	2		30
1,2-Dichloropropane	82		81		70-130	1		30
Dibromochloromethane	109		108		70-130	1		30
2-Chloroethylvinyl ether	84		84		70-130	0		30
1,1,2-Trichloroethane	91		88		70-130	3		30
Tetrachloroethene	115		118		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	106		110		70-139	4		30
1,2-Dichloroethane	118		112		70-130	5		30
1,1,1-Trichloroethane	119		117		70-130	2		30
Bromodichloromethane	107		105		70-130	2		30
trans-1,3-Dichloropropene	97		99		70-130	2		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	99		96		70-130	3		30
Bromoform	104		100		70-130	4		30
1,1,2,2-Tetrachloroethane	80		80		70-130	0		30
Benzene	88		89		70-130	1		30
Toluene	92		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Ethylbenzene	100		99		70-130	1		30
Chloromethane	82		83		52-130	1		30
Bromomethane	75		76		57-147	1		30
Vinyl chloride	78		81		67-130	4		30
Chloroethane	70		69		50-151	1		30
1,1-Dichloroethene	85		85		65-135	0		30
trans-1,2-Dichloroethene	91		91		70-130	0		30
Trichloroethene	102		100		70-130	2		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	98		100		70-130	2		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	101		102		70-130	1		30
cis-1,2-Dichloroethene	93		93		70-130	0		30
Dibromomethane	106		101		70-130	5		30
Styrene	100		101		70-130	1		30
Dichlorodifluoromethane	113		111		30-146	2		30
Acetone	93		89		54-140	4		30
Carbon disulfide	72		81		59-130	12		30
2-Butanone	89		83		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Vinyl acetate	83		82		70-130	1		30
4-Methyl-2-pentanone	82		73		70-130	12		30
1,2,3-Trichloropropane	87		86		68-130	1		30
2-Hexanone	77		77		70-130	0		30
Bromochloromethane	104		98		70-130	6		30
2,2-Dichloropropane	114		110		70-130	4		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	111		114		70-130	3		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	94		93		70-130	1		30
sec-Butylbenzene	93		95		70-130	2		30
tert-Butylbenzene	98		97		70-130	1		30
o-Chlorotoluene	93		90		70-130	3		30
p-Chlorotoluene	91		91		70-130	0		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Hexachlorobutadiene	114		113		67-130	1		30
Isopropylbenzene	91		93		70-130	2		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	94		93		70-130	1		30
Acrylonitrile	72		74		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Isopropyl Ether	74		75		66-130	1		30
tert-Butyl Alcohol	85		85		70-130	0		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	108		108		70-130	0		30
1,2,4-Trichlorobenzene	105		108		70-130	3		30
1,3,5-Trimethylbenzene	97		96		70-130	1		30
1,2,4-Trimethylbenzene	96		95		70-130	1		30
Methyl Acetate	76		76		51-146	0		30
Ethyl Acetate	82		78		70-130	5		30
Acrolein	72		84		70-130	15		30
Cyclohexane	83		82		59-142	1		30
1,4-Dioxane	99		91		65-136	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		97		50-139	5		30
p-Diethylbenzene	97		96		70-130	1		30
p-Ethyltoluene	93		93		70-130	0		30
1,2,4,5-Tetramethylbenzene	95		94		70-130	1		30
Tetrahydrofuran	78		76		66-130	3		30
Ethyl ether	74		74		67-130	0		30
trans-1,4-Dichloro-2-butene	90		85		70-130	6		30
Methyl cyclohexane	93		93		70-130	0		30
Ethyl-Tert-Butyl-Ether	90		87		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Tertiary-Amyl Methyl Ether	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	127		120		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	111		111		70-130

SEMIVOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/16 10:42
Analyst: ALS
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	280		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	360		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	97	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	190		ug/kg	110	20.	1
Benzo(a)pyrene	140		ug/kg	140	43.	1
Benzo(b)fluoranthene	120		ug/kg	110	30.	1
Benzo(k)fluoranthene	44	J	ug/kg	110	28.	1

Project Name: CPG YONKERS NY **Lab Number:** L1640718

Project Number: Not Specified **Report Date:** 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01 Date Collected: 12/14/16 13:20

Client ID: B-9, 5-2, 2-4' Date Received: 12/14/16

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	180		ug/kg	110	18.	1
Acenaphthylene	130	J	ug/kg	140	27.	1
Anthracene	290		ug/kg	110	34.	1
Benzo(ghi)perylene	56	J	ug/kg	140	21.	1
Fluorene	280		ug/kg	180	17.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	140	25.	1
Pyrene	480		ug/kg	110	18.	1
Biphenyl	44	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	38	J	ug/kg	180	17.	1
2-Methylnaphthalene	180	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	23	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Naphthalene	150	J	ug/kg			1
Unknown PAH	243	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown Amide	406	J	ug/kg			1
Unknown PAH	168	J	ug/kg			1
Unknown PAH	162	J	ug/kg			1
Unknown PAH	251	J	ug/kg			1
Unknown PAH	205	J	ug/kg			1
Unknown	158	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Acenaphthene	71		68		31-137	4		50
Benzidine	25		22		10-66	13		50
1,2,4-Trichlorobenzene	66		65		38-107	2		50
Hexachlorobenzene	69		65		40-140	6		50
Bis(2-chloroethyl)ether	68		66		40-140	3		50
2-Chloronaphthalene	69		67		40-140	3		50
1,2-Dichlorobenzene	65		65		40-140	0		50
1,3-Dichlorobenzene	65		65		40-140	0		50
1,4-Dichlorobenzene	64		64		28-104	0		50
3,3'-Dichlorobenzidine	54		51		40-140	6		50
2,4-Dinitrotoluene	70		66		40-132	6		50
2,6-Dinitrotoluene	73		73		40-140	0		50
Azobenzene	72		69		40-140	4		50
Fluoranthene	75		72		40-140	4		50
4-Chlorophenyl phenyl ether	69		66		40-140	4		50
4-Bromophenyl phenyl ether	70		66		40-140	6		50
Bis(2-chloroisopropyl)ether	67		65		40-140	3		50
Bis(2-chloroethoxy)methane	71		68		40-117	4		50
Hexachlorobutadiene	69		66		40-140	4		50
Hexachlorocyclopentadiene	66		64		40-140	3		50
Hexachloroethane	68		64		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Isophorone	72		69		40-140	4		50
Naphthalene	70		67		40-140	4		50
Nitrobenzene	69		68		40-140	1		50
NitrosoDiPhenylAmine(NDPA)/DPA	71		68		36-157	4		50
n-Nitrosodi-n-propylamine	69		68		32-121	1		50
Bis(2-Ethylhexyl)phthalate	81		74		40-140	9		50
Butyl benzyl phthalate	76		73		40-140	4		50
Di-n-butylphthalate	80		75		40-140	6		50
Di-n-octylphthalate	81		75		40-140	8		50
Diethyl phthalate	74		69		40-140	7		50
Dimethyl phthalate	72		69		40-140	4		50
Benzo(a)anthracene	76		70		40-140	8		50
Benzo(a)pyrene	77		73		40-140	5		50
Benzo(b)fluoranthene	75		72		40-140	4		50
Benzo(k)fluoranthene	76		71		40-140	7		50
Chrysene	73		68		40-140	7		50
Acenaphthylene	72		69		40-140	4		50
Anthracene	75		72		40-140	4		50
Benzo(ghi)perylene	75		73		40-140	3		50
Fluorene	72		69		40-140	4		50
Phenanthrene	72		69		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Dibenzo(a,h)anthracene	75		74		40-140	1		50
Indeno(1,2,3-cd)Pyrene	75		73		40-140	3		50
Pyrene	73		70		35-142	4		50
Biphenyl	72		72		54-104	0		50
Aniline	44		41		40-140	7		50
4-Chloroaniline	47		47		40-140	0		50
1-Methylnaphthalene	69		67		26-130	3		50
2-Nitroaniline	69		67		47-134	3		50
3-Nitroaniline	61		57		26-129	7		50
4-Nitroaniline	69		67		41-125	3		50
Dibenzofuran	71		67		40-140	6		50
2-Methylnaphthalene	70		68		40-140	3		50
1,2,4,5-Tetrachlorobenzene	72		70		40-117	3		50
Pentachloronitrobenzene	85		79		42-153	7		50
Acetophenone	74		71		14-144	4		50
n-Nitrosodimethylamine	66		65		22-100	2		50
2,4,6-Trichlorophenol	73		73		30-130	0		50
P-Chloro-M-Cresol	76		72		26-103	5		50
2-Chlorophenol	71		67		25-102	6		50
2,4-Dichlorophenol	73		71		30-130	3		50
2,4-Dimethylphenol	68		68		30-130	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
2-Nitrophenol	63		62		30-130	2		50
4-Nitrophenol	73		72		11-114	1		50
2,4-Dinitrophenol	36		38		4-130	5		50
4,6-Dinitro-o-cresol	56		54		10-130	4		50
Pentachlorophenol	61		60		17-109	2		50
Phenol	70		68		26-90	3		50
2-Methylphenol	72		71		30-130.	1		50
3-Methylphenol/4-Methylphenol	73		71		30-130	3		50
2,4,5-Trichlorophenol	75		72		30-130	4		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	71		70		40-140	1		50
Carbazole	74		71		54-128	4		50
Pyridine	57		53		10-93	7		50
Parathion, ethyl	87		83		40-140	5		50
Atrazine	91		85		40-140	7		50
Benzaldehyde	66		64		40-140	3		50
Caprolactam	73		73		15-130	0		50
2,3,4,6-Tetrachlorophenol	68		66		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		25-120
Phenol-d6	77		75		10-120
Nitrobenzene-d5	72		70		23-120
2-Fluorobiphenyl	75		73		30-120
2,4,6-Tribromophenol	75		71		10-136
4-Terphenyl-d14	77		70		18-120

PCBS

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/20/16 22:26
Analyst: JW
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 04:09
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	2.70	1	A
Aroclor 1221	ND		ug/kg	34.2	3.16	1	A
Aroclor 1232	ND		ug/kg	34.2	4.01	1	A
Aroclor 1242	ND		ug/kg	34.2	4.19	1	A
Aroclor 1248	ND		ug/kg	34.2	2.89	1	A
Aroclor 1254	ND		ug/kg	34.2	2.82	1	A
Aroclor 1260	ND		ug/kg	34.2	2.61	1	A
Aroclor 1262	ND		ug/kg	34.2	1.70	1	A
Aroclor 1268	ND		ug/kg	34.2	4.97	1	A
PCBs, Total	ND		ug/kg	34.2	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/16 23:48
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/17/16 04:09
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG962219-1						
Aroclor 1016	ND		ug/kg	31.8	2.51	A
Aroclor 1221	ND		ug/kg	31.8	2.93	A
Aroclor 1232	ND		ug/kg	31.8	3.72	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	2.68	A
Aroclor 1254	ND		ug/kg	31.8	2.61	A
Aroclor 1260	ND		ug/kg	31.8	2.42	A
Aroclor 1262	ND		ug/kg	31.8	1.58	A
Aroclor 1268	ND		ug/kg	31.8	4.61	A
PCBs, Total	ND		ug/kg	31.8	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG962219-2 WG962219-3									
Aroclor 1016	65		81		40-140	22		50	A
Aroclor 1260	55		75		40-140	31		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		80		30-150	A
Decachlorobiphenyl	44		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		83		30-150	B
Decachlorobiphenyl	44		62		30-150	B

PESTICIDES

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/16 14:54
Analyst: AM
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.318	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	13.9	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/16 13:08
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG962212-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.637	0.285	A
Alpha-BHC	ND		ug/kg	0.637	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.580	A
Heptachlor	ND		ug/kg	0.764	0.343	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.87	0.860	A
Endrin	ND		ug/kg	0.637	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.669	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.955	0.478	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.511	A
Endosulfan sulfate	ND		ug/kg	0.637	0.303	A
Methoxychlor	ND		ug/kg	2.87	0.892	A
Toxaphene	ND		ug/kg	28.7	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.4	5.06	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/16 13:08
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG962212-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	65		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG962212-2 WG962212-3									
Delta-BHC	115		111		30-150	4		30	A
Lindane	116		111		30-150	4		30	A
Alpha-BHC	122		118		30-150	3		30	A
Beta-BHC	104		101		30-150	3		30	A
Heptachlor	86		81		30-150	6		30	A
Aldrin	113		109		30-150	4		30	A
Heptachlor epoxide	103		102		30-150	1		30	A
Endrin	102		100		30-150	2		30	A
Endrin aldehyde	70		69		30-150	1		30	A
Endrin ketone	80		80		30-150	0		30	A
Dieldrin	107		105		30-150	2		30	A
4,4'-DDE	109		106		30-150	3		30	A
4,4'-DDD	102		100		30-150	2		30	A
4,4'-DDT	98		96		30-150	2		30	A
Endosulfan I	97		95		30-150	2		30	A
Endosulfan II	104		102		30-150	2		30	A
Endosulfan sulfate	69		69		30-150	0		30	A
Methoxychlor	86		85		30-150	1		30	A
cis-Chlordane	96		92		30-150	4		30	A
trans-Chlordane	101		96		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG962212-2 WG962212-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		87		30-150	B
Decachlorobiphenyl	83		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	119		114		30-150	A
Decachlorobiphenyl	68		70		30-150	A

METALS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5700		mg/kg	8.4	2.3	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.2	0.32	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Arsenic, Total	1.2		mg/kg	0.84	0.18	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Barium, Total	28		mg/kg	0.84	0.15	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Beryllium, Total	0.13	J	mg/kg	0.42	0.03	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.84	0.08	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Calcium, Total	1100		mg/kg	8.4	3.0	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Chromium, Total	12		mg/kg	0.84	0.08	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Cobalt, Total	4.0		mg/kg	1.7	0.14	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Copper, Total	11		mg/kg	0.84	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Iron, Total	8800		mg/kg	4.2	0.76	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Lead, Total	3.6	J	mg/kg	4.2	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Magnesium, Total	1700		mg/kg	8.4	1.3	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Manganese, Total	240		mg/kg	0.84	0.13	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	12/15/16 07:30	12/17/16 18:24	EPA 7471B	1,7471B	BV
Nickel, Total	11		mg/kg	2.1	0.20	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Potassium, Total	340		mg/kg	210	12.	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.84	0.24	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Sodium, Total	930		mg/kg	170	2.6	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.26	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Vanadium, Total	14		mg/kg	0.84	0.17	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Zinc, Total	29		mg/kg	4.2	0.25	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG961376-1										
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	12/15/16 07:30	12/17/16 18:10	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG961722-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.07	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.11	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.06	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.8	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.11	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Sodium, Total	2.0	J	mg/kg	80	1.3	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.12	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961376-2 SRM Lot Number: D091-540								
Mercury, Total	81		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961722-2 SRM Lot Number: D091-540					
Aluminum, Total	70	-	52-148	-	
Antimony, Total	122	-	1-200	-	
Arsenic, Total	83	-	80-121	-	
Barium, Total	86	-	84-117	-	
Beryllium, Total	86	-	83-117	-	
Cadmium, Total	91	-	83-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	84	-	80-119	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	87	-	82-117	-	
Iron, Total	87	-	47-154	-	
Lead, Total	82	-	82-118	-	
Magnesium, Total	83	-	77-123	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	85	-	83-117	-	
Potassium, Total	83	-	72-128	-	
Selenium, Total	79	-	79-121	-	
Silver, Total	86	-	75-124	-	
Sodium, Total	90	-	73-126	-	
Thallium, Total	85	-	80-121	-	
Vanadium, Total	87	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961722-2 SRM Lot Number: D091-540					
Zinc, Total	82	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961376-3 QC Sample: L1640554-01 Client ID: MS Sample												
Mercury, Total	0.04J	0.139	0.18	**129**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-3 QC Sample: L1640593-01 Client ID: MS Sample										
Aluminum, Total	5600	166	5500	**0**	Q	-	-	75-125	-	20
Antimony, Total	0.36J	41.6	33	79		-	-	75-125	-	20
Arsenic, Total	1.8	9.98	10	82		-	-	75-125	-	20
Barium, Total	37.	166	160	**74**	Q	-	-	75-125	-	20
Beryllium, Total	0.47	4.16	3.5	**73**	Q	-	-	75-125	-	20
Cadmium, Total	ND	4.24	3.5	82		-	-	75-125	-	20
Calcium, Total	1200	832	1800	**72**	Q	-	-	75-125	-	20
Chromium, Total	14.	16.6	27	78		-	-	75-125	-	20
Cobalt, Total	6.9	41.6	36	**70**	Q	-	-	75-125	-	20
Copper, Total	58.	20.8	32	**0**	Q	-	-	75-125	-	20
Iron, Total	13000	83.2	11000	**0**	Q	-	-	75-125	-	20
Lead, Total	54.	42.4	57	**7**	Q	-	-	75-125	-	20
Magnesium, Total	1400	832	2100	84		-	-	75-125	-	20
Manganese, Total	230	41.6	230	**0**	Q	-	-	75-125	-	20
Nickel, Total	12.	41.6	41	**70**	Q	-	-	75-125	-	20
Potassium, Total	630	832	1300	80		-	-	75-125	-	20
Selenium, Total	ND	9.98	8.1	81		-	-	75-125	-	20
Silver, Total	ND	24.9	21	84		-	-	75-125	-	20
Sodium, Total	98.J	832	760	91		-	-	75-125	-	20
Thallium, Total	ND	9.98	7.7	77		-	-	75-125	-	20
Vanadium, Total	19.	41.6	51	77		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-3 QC Sample: L1640593-01 Client ID: MS Sample										
Zinc, Total	510	41.6	61	**0**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961376-4 QC Sample: L1640554-01 Client ID: DUP Sample						
Mercury, Total	0.04J	0.03J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-4 QC Sample: L1640593-01 Client ID: DUP Sample						
Aluminum, Total	5600	5100	mg/kg	9		20
Antimony, Total	0.36J	ND	mg/kg	NC		20
Arsenic, Total	1.8	3.2	mg/kg	**56**	Q	20
Barium, Total	37.	30	mg/kg	**21**	Q	20
Beryllium, Total	0.47	0.15J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1200	2300	mg/kg	**63**	Q	20
Chromium, Total	14.	16	mg/kg	13		20
Cobalt, Total	6.9	4.9	mg/kg	**34**	Q	20
Copper, Total	58.	32	mg/kg	**58**	Q	20
Iron, Total	13000	22000	mg/kg	**51**	Q	20
Lead, Total	54.	42	mg/kg	**25**	Q	20
Magnesium, Total	1400	1500	mg/kg	7		20
Manganese, Total	230	250	mg/kg	8		20
Nickel, Total	12.	8.8	mg/kg	**31**	Q	20
Potassium, Total	630	530	mg/kg	17		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	98.J	52J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-4 QC Sample: L1640593-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	19.	19	mg/kg	0		20
Zinc, Total	510	38	mg/kg	**172**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	12/15/16 15:25	121,2540G	RI
Cyanide, Total	0.88	J	mg/kg	1.1	0.18	1	12/15/16 15:40	12/19/16 17:16	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG961636-1										
Cyanide, Total	ND		mg/kg	0.85	0.14	1	12/15/16 15:40	12/19/16 16:48	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG961636-2 WG961636-3								
Cyanide, Total	119		104		80-120	22		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG961636-4 WG961636-5 QC Sample: L1640597-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	94		10	92		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG961578-1 QC Sample: L1640629-01 Client ID: DUP Sample						
Solids, Total	82.9	83.2	%	0		20

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/15/2016 02:09

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1640718-01A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1640718-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.8	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1640718-01F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG YONKERS NY	**Lab Number:**	L1640718
Project Number:	Not Specified	**Report Date:**	12/22/16

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG YONKERS NY	**Lab Number:**	L1640718
Project Number:	Not Specified	**Report Date:**	12/22/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: ***EPA 3050B***

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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**.

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Date Rec'd in Lab 12/14/16

ALPHA Job # L1640718

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Yonkers NY
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other: NA

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn				Total Bottles	Sample Specific Comments
40718-01	B9, S-2, 2-4'	12/14/2016	1:30	S	TJM	✓	✓	✓	✓	✓					
Container Type						V	V	A	A	A					
Preservative						F		A	A	A					

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14/2016 15:50	AAL	12-14-16 15:50
	12-14-16 17:20		12-14-16 1800
	12-14-16 2310		12/14/16 2310

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.

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

ANALYTICAL REPORT

Lab Number:	L1641295
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG YONKERS NY
Project Number:	Not Specified
Report Date:	12/30/16

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), 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: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1641295-01	B-11, S2, 2-4'	SOIL	YONKERS, NY	12/19/16 14:40	12/19/16
L1641295-02	B-5, S1, 0-2'	SOIL	YONKERS, NY	12/19/16 15:00	12/19/16
L1641295-03	B-5, S6, 15-17'	SOIL	YONKERS, NY	12/19/16 15:20	12/19/16
L1641295-04	B-8, 2-6'	SOIL	YONKERS, NY	12/20/16 15:10	12/20/16
L1641295-05	B-7, S3, 4-6'	SOIL	YONKERS, NY	12/20/16 15:00	12/20/16
L1641295-06	B-6, S2, 2-4'	SOIL	YONKERS, NY	12/20/16 14:55	12/20/16
L1641295-07	B-4, S2, 2-4'	SOIL	YONKERS, NY	12/20/16 14:50	12/20/16
L1641295-08	B-3, S2, 2-4'	SOIL	YONKERS, NY	12/21/16 14:15	12/21/16
L1641295-09	B-1, S2, 2-4'	SOIL	YONKERS, NY	12/21/16 14:25	12/21/16
L1641295-10	B-2	SOIL	YONKERS, NY	12/21/16 14:35	12/21/16

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L1641295-01: The sample has elevated detection limits due to limited sample volume available for analysis.

PCBs

L1641295-01: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (344%,402%); however, the sample was not re-extracted due to coelution with Aroclor 1268. The results are not considered to be biased.

L1641295-09: The sample has elevated detection limits due to limited sample volume available for analysis.

Pesticides

The surrogate recoveries for L1641295-01 are outside the acceptance criteria for decachlorobiphenyl (217%,202%); however, the sample was not re-extracted due to coelution with obvious interferences.

Metals

L1641295-01, -02, -04 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution 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: Michelle M. Morris

Title: Technical Director/Representative Date: 12/30/16

ORGANICS

VOLATILES

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/16 16:55
Analyst: TE
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.61	J	ug/kg	1.3	0.16	1
Toluene	2.8		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.16	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01 Date Collected: 12/19/16 14:40

Client ID: B-11, S2, 2-4' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	1.1	J	ug/kg	2.6	0.47	1
o-Xylene	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	84		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1
Methyl Acetate	ND		ug/kg	26	0.36	1
Cyclohexane	ND		ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1
Methyl cyclohexane	0.72	J	ug/kg	5.3	0.20	1

Tentatively Identified Compounds				
Total TIC Compounds	51.5	J	ug/kg	1
Unknown	5.87	J	ug/kg	1
Unknown	2.71	J	ug/kg	1
Unknown	4.37	J	ug/kg	1
Butane, 2-Methyl-	15.7	NJ	ug/kg	1
Pentane	8.15	NJ	ug/kg	1
Unknown	4.52	J	ug/kg	1
Unknown	10.2	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/16 17:21
Analyst: TE
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	0.86	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.29	1
Carbon tetrachloride	ND		ug/kg	0.78	0.16	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.78	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	0.78	0.11	1
Chlorobenzene	ND		ug/kg	0.78	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.30	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.09	1
Bromodichloromethane	ND		ug/kg	0.78	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.09	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.08	1
Benzene	0.35	J	ug/kg	0.78	0.09	1
Toluene	1.8		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.78	0.10	1
Chloromethane	ND		ug/kg	3.9	0.23	1
Bromomethane	ND		ug/kg	1.6	0.26	1
Vinyl chloride	ND		ug/kg	1.6	0.09	1
Chloroethane	ND		ug/kg	1.6	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Trichloroethene	ND		ug/kg	0.78	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	0.11	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.07	1
p/m-Xylene	0.69	J	ug/kg	1.6	0.27	1
o-Xylene	ND		ug/kg	1.6	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.11	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.15	1
Acetone	82		ug/kg	7.8	0.80	1
Carbon disulfide	ND		ug/kg	7.8	0.86	1
2-Butanone	ND		ug/kg	7.8	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	0.19	1
2-Hexanone	ND		ug/kg	7.8	0.52	1
Bromochloromethane	ND		ug/kg	3.9	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	0.31	1
Isopropylbenzene	ND		ug/kg	0.78	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	0.14	1
Methyl Acetate	ND		ug/kg	16	0.21	1
Cyclohexane	ND		ug/kg	16	0.11	1
1,4-Dioxane	ND		ug/kg	78	11.	1
Freon-113	ND		ug/kg	16	0.21	1
Methyl cyclohexane	0.58	J	ug/kg	3.1	0.12	1

Tentatively Identified Compounds				
Total TIC Compounds	31.6	J	ug/kg	1
Unknown	6.01	J	ug/kg	1
Butane, 2-Methyl-	9.75	NJ	ug/kg	1
Unknown	3.45	J	ug/kg	1
Unknown	2.05	J	ug/kg	1
Unknown	5.18	J	ug/kg	1
Pentane	5.17	NJ	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 10:29
Analyst: MV
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	0.35	J	ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.86	J	ug/kg	1.0	0.12	1
Toluene	3.8		ug/kg	1.5	0.20	1
Ethylbenzene	0.55	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	1.8	J	ug/kg	2.0	0.35	1
o-Xylene	0.66	J	ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	ND		ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	2.3	J	ug/kg	20	0.15	1
1,4-Dioxane	ND		ug/kg	100	14.	1
Freon-113	ND		ug/kg	20	0.28	1
Methyl cyclohexane	1.9	J	ug/kg	4.0	0.16	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	92.6	J	ug/kg			1
Unknown	3.47	J	ug/kg			1
Butane, 2-Methyl-	29.1	NJ	ug/kg			1
Unknown	2.06	J	ug/kg			1
Unknown	2.96	J	ug/kg			1
Pentane, 2-methyl-	7.68	NJ	ug/kg			1
Unknown	7.16	J	ug/kg			1
Unknown	18.2	J	ug/kg			1
Cyclopentane, Methyl-	2.65	NJ	ug/kg			1
Pentane	15.7	NJ	ug/kg			1
n-Hexane	3.61	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 10:57
Analyst: MV
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.36	J	ug/kg	1.0	0.12	1
Toluene	1.5	J	ug/kg	1.6	0.20	1
Ethylbenzene	0.21	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.2	0.31	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	0.68	J	ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.20	1
Acetone	ND		ug/kg	10	1.1	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.2	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl Acetate	ND		ug/kg	21	0.28	1
Cyclohexane	0.52	J	ug/kg	21	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	21	0.29	1
Methyl cyclohexane	0.38	J	ug/kg	4.2	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	12.8	J	ug/kg	1
Butane, 2-Methyl-	6.19	NJ	ug/kg	1
Unknown	3.34	J	ug/kg	1
Pentane	3.26	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 11:25
Analyst: MV
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.28	J	ug/kg	1.1	0.13	1
Toluene	1.1	J	ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	0.41	J	ug/kg	2.2	0.40	1
o-Xylene	ND		ug/kg	2.2	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	24		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	0.29	J	ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.31	1
Methyl cyclohexane	0.24	J	ug/kg	4.5	0.17	1

Tentatively Identified Compounds				
Total TIC Compounds	3.56	J	ug/kg	1
Butane, 2-Methyl-	3.56	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 11:53
Analyst: MV
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	0.24	J	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.52	J	ug/kg	1.1	0.13	1
Toluene	2.4		ug/kg	1.6	0.21	1
Ethylbenzene	0.36	J	ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07 Date Collected: 12/20/16 14:50

Client ID: B-4, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	1.2	J	ug/kg	2.2	0.39	1
o-Xylene	0.47	J	ug/kg	2.2	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	1.0	J	ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	0.85	J	ug/kg	4.4	0.17	1

Tentatively Identified Compounds				
Total TIC Compounds	22.9	J	ug/kg	1
Pentane, 2-methyl-	3.49	NJ	ug/kg	1
Butane, 2-Methyl-	13.1	NJ	ug/kg	1
Unknown	6.35	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 12:21
Analyst: MV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	0.28	J	ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.10	1
Benzene	0.71	J	ug/kg	0.98	0.12	1
Toluene	2.4		ug/kg	1.5	0.19	1
Ethylbenzene	0.32	J	ug/kg	0.98	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 Date Collected: 12/21/16 14:15

Client ID: B-3, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	1.1	J	ug/kg	2.0	0.34	1
o-Xylene	0.39	J	ug/kg	2.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.14	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.19	1
Acetone	12		ug/kg	9.8	1.0	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
2-Hexanone	ND		ug/kg	9.8	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Isopropylbenzene	ND		ug/kg	0.98	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl Acetate	ND		ug/kg	20	0.26	1
Cyclohexane	0.99	J	ug/kg	20	0.14	1
1,4-Dioxane	ND		ug/kg	98	14.	1
Freon-113	ND		ug/kg	20	0.27	1
Methyl cyclohexane	0.81	J	ug/kg	3.9	0.15	1

Tentatively Identified Compounds				
Total TIC Compounds	34.5	J	ug/kg	1
Butane, 2-Methyl-	14.2	NJ	ug/kg	1
Pentane, 2-methyl-	3.93	NJ	ug/kg	1
Unknown	2.16	J	ug/kg	1
Pentane	7.66	NJ	ug/kg	1
Unknown	6.55	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 12:48
Analyst: MV
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	0.35	J	ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.50	J	ug/kg	1.0	0.12	1
Toluene	3.0		ug/kg	1.6	0.20	1
Ethylbenzene	0.36	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.2	0.30	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09 Date Collected: 12/21/16 14:25

Client ID: B-1, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	1.2	J	ug/kg	2.1	0.36	1
o-Xylene	0.44	J	ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.20	1
Acetone	52		ug/kg	10	1.1	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.69	1
Bromochloromethane	ND		ug/kg	5.2	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl Acetate	ND		ug/kg	21	0.28	1
Cyclohexane	0.84	J	ug/kg	21	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	21	0.28	1
Methyl cyclohexane	0.64	J	ug/kg	4.1	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	30.0	J	ug/kg	1
Pentane, 2-methyl-	3.74	NJ	ug/kg	1
Unknown	2.20	J	ug/kg	1
Butane, 2-Methyl-	11.0	NJ	ug/kg	1
Unknown	4.92	J	ug/kg	1
Pentane	5.80	NJ	ug/kg	1
Unknown	2.38	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	103		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 13:16
Analyst: MV
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.5	0.94	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.31	1
Carbon tetrachloride	ND		ug/kg	0.85	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.19	1
Dibromochloromethane	ND		ug/kg	0.85	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	0.14	J	ug/kg	0.85	0.12	1
Chlorobenzene	ND		ug/kg	0.85	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.09	1
Bromodichloromethane	ND		ug/kg	0.85	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.09	1
Benzene	0.25	J	ug/kg	0.85	0.10	1
Toluene	0.65	J	ug/kg	1.3	0.16	1
Ethylbenzene	0.11	J	ug/kg	0.85	0.11	1
Chloromethane	ND		ug/kg	4.2	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.85	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.12	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	0.33	J	ug/kg	1.7	0.30	1
o-Xylene	ND		ug/kg	1.7	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.12	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.16	1
Acetone	86		ug/kg	8.5	0.88	1
Carbon disulfide	ND		ug/kg	8.5	0.94	1
2-Butanone	ND		ug/kg	8.5	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	0.21	1
2-Hexanone	ND		ug/kg	8.5	0.56	1
Bromochloromethane	ND		ug/kg	4.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.34	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.15	1
Methyl Acetate	ND		ug/kg	17	0.23	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	85	12.	1
Freon-113	ND		ug/kg	17	0.23	1
Methyl cyclohexane	ND		ug/kg	3.4	0.13	1

Tentatively Identified Compounds				
Total TIC Compounds	7.29	J	ug/kg	1
Unknown	2.20	J	ug/kg	1
Unknown	5.09	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	2.5	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Methylene chloride	88		88		70-130	0		30
1,1-Dichloroethane	92		90		70-130	2		30
Chloroform	99		100		70-130	1		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	84		85		70-130	1		30
Dibromochloromethane	88		92		70-130	4		30
2-Chloroethylvinyl ether	75		78		70-130	4		30
1,1,2-Trichloroethane	100		104		70-130	4		30
Tetrachloroethene	115		114		70-130	1		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	134		124		70-139	8		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	102		100		70-130	2		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	88		89		70-130	1		30
cis-1,3-Dichloropropene	80		81		70-130	1		30
1,1-Dichloropropene	96		94		70-130	2		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	99		100		70-130	1		30
Benzene	93		92		70-130	1		30
Toluene	103		101		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Ethylbenzene	103		102		70-130	1		30
Chloromethane	81		73		52-130	10		30
Bromomethane	96		90		57-147	6		30
Vinyl chloride	87		80		67-130	8		30
Chloroethane	93		89		50-151	4		30
1,1-Dichloroethene	103		96		65-135	7		30
trans-1,2-Dichloroethene	99		94		70-130	5		30
Trichloroethene	100		99		70-130	1		30
1,2-Dichlorobenzene	109		110		70-130	1		30
1,3-Dichlorobenzene	111		110		70-130	1		30
1,4-Dichlorobenzene	112		112		70-130	0		30
Methyl tert butyl ether	84		84		66-130	0		30
p/m-Xylene	99		100		70-130	1		30
o-Xylene	96		98		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Dibromomethane	93		95		70-130	2		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	85		76		30-146	11		30
Acetone	89		86		54-140	3		30
Carbon disulfide	89		83		59-130	7		30
2-Butanone	85		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Vinyl acetate	76		78		70-130	3		30
4-Methyl-2-pentanone	70		74		70-130	6		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	**68**	Q	**68**	Q	70-130	0		30
Bromochloromethane	94		94		70-130	0		30
2,2-Dichloropropane	92		90		70-130	2		30
1,2-Dibromoethane	97		100		70-130	3		30
1,3-Dichloropropane	98		102		69-130	4		30
1,1,1,2-Tetrachloroethane	98		101		70-130	3		30
Bromobenzene	112		112		70-130	0		30
n-Butylbenzene	112		108		70-130	4		30
sec-Butylbenzene	109		107		70-130	2		30
tert-Butylbenzene	106		104		70-130	2		30
o-Chlorotoluene	106		105		70-130	1		30
p-Chlorotoluene	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	76		79		68-130	4		30
Hexachlorobutadiene	**131**	Q	128		67-130	2		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	92		94		70-130	2		30
Acrylonitrile	80		75		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Isopropyl Ether	83		82		66-130	1		30
tert-Butyl Alcohol	**63**	Q	**65**	Q	70-130	3		30
n-Propylbenzene	108		106		70-130	2		30
1,2,3-Trichlorobenzene	107		108		70-130	1		30
1,2,4-Trichlorobenzene	109		111		70-130	2		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
Methyl Acetate	79		78		51-146	1		30
Ethyl Acetate	78		79		70-130	1		30
Acrolein	82		80		70-130	2		30
Cyclohexane	94		88		59-142	7		30
1,4-Dioxane	79		81		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	119		110		50-139	8		30
p-Diethylbenzene	103		102		70-130	1		30
p-Ethyltoluene	106		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		98		70-130	0		30
Tetrahydrofuran	79		87		66-130	10		30
Ethyl ether	86		85		67-130	1		30
trans-1,4-Dichloro-2-butene	89		89		70-130	0		30
Methyl cyclohexane	98		94		70-130	4		30
Ethyl-Tert-Butyl-Ether	79		79		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Tertiary-Amyl Methyl Ether	77		78		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
Methylene chloride	88		86		70-130	2		30
1,1-Dichloroethane	85		79		70-130	7		30
Chloroform	92		87		70-130	6		30
Carbon tetrachloride	99		88		70-130	12		30
1,2-Dichloropropane	84		82		70-130	2		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	112		103		70-130	8		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	102		84		70-139	19		30
1,2-Dichloroethane	93		90		70-130	3		30
1,1,1-Trichloroethane	99		89		70-130	11		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	81		79		70-130	3		30
cis-1,3-Dichloropropene	82		79		70-130	4		30
1,1-Dichloropropene	89		79		70-130	12		30
Bromoform	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	80		78		70-130	3		30
Benzene	88		83		70-130	6		30
Toluene	91		86		70-130	6		30
Ethylbenzene	93		88		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
Chloromethane	106		101		52-130	5		30
Bromomethane	104		93		57-147	11		30
Vinyl chloride	87		76		67-130	13		30
Chloroethane	87		78		50-151	11		30
1,1-Dichloroethene	95		82		65-135	15		30
trans-1,2-Dichloroethene	95		86		70-130	10		30
Trichloroethene	97		91		70-130	6		30
1,2-Dichlorobenzene	102		99		70-130	3		30
1,3-Dichlorobenzene	103		98		70-130	5		30
1,4-Dichlorobenzene	103		98		70-130	5		30
Methyl tert butyl ether	**54**	Q	**52**	Q	66-130	4		30
p/m-Xylene	97		92		70-130	5		30
o-Xylene	96		93		70-130	3		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
Dibromomethane	93		93		70-130	0		30
Styrene	93		90		70-130	3		30
Dichlorodifluoromethane	101		83		30-146	20		30
Acetone	116		106		54-140	9		30
Carbon disulfide	74		64		59-130	14		30
2-Butanone	94		88		70-130	7		30
Vinyl acetate	88		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
4-Methyl-2-pentanone	72		72		70-130	0		30
1,2,3-Trichloropropane	75		76		68-130	1		30
2-Hexanone	71		71		70-130	0		30
Bromochloromethane	105		103		70-130	2		30
2,2-Dichloropropane	86		77		70-130	11		30
1,2-Dibromoethane	94		94		70-130	0		30
1,3-Dichloropropane	82		82		69-130	0		30
1,1,1,2-Tetrachloroethane	99		96		70-130	3		30
Bromobenzene	97		95		70-130	2		30
n-Butylbenzene	89		82		70-130	8		30
sec-Butylbenzene	89		81		70-130	9		30
tert-Butylbenzene	92		84		70-130	9		30
o-Chlorotoluene	82		77		70-130	6		30
p-Chlorotoluene	85		81		70-130	5		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	109		101		67-130	8		30
Isopropylbenzene	86		79		70-130	8		30
p-Isopropyltoluene	92		86		70-130	7		30
Naphthalene	87		89		70-130	2		30
Acrylonitrile	82		78		70-130	5		30
Isopropyl Ether	89		86		66-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
tert-Butyl Alcohol	**59**	Q	**57**	Q	70-130	3		30
n-Propylbenzene	86		79		70-130	8		30
1,2,3-Trichlorobenzene	100		100		70-130	0		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	86		81		70-130	6		30
1,2,4-Trimethylbenzene	86		82		70-130	5		30
Methyl Acetate	88		86		51-146	2		30
Ethyl Acetate	92		90		70-130	2		30
Acrolein	106		73		70-130	**37**	Q	30
Cyclohexane	88		74		59-142	17		30
1,4-Dioxane	74		86		65-136	15		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		80		50-139	21		30
p-Diethylbenzene	92		86		70-130	7		30
p-Ethyltoluene	87		81		70-130	7		30
1,2,4,5-Tetramethylbenzene	86		83		70-130	4		30
Tetrahydrofuran	92		91		66-130	1		30
Ethyl ether	79		76		67-130	4		30
trans-1,4-Dichloro-2-butene	71		71		70-130	0		30
Methyl cyclohexane	93		78		70-130	18		30
Ethyl-Tert-Butyl-Ether	**63**	Q	**61**	Q	70-130	3		30
Tertiary-Amyl Methyl Ether	**61**	Q	**58**	Q	70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	83		82		70-130
Dibromofluoromethane	102		103		70-130

SEMIVOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:06
Analyst: KV
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	570		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	300		ug/kg	130	25.	1
Benzo(a)pyrene	330		ug/kg	180	54.	1
Benzo(b)fluoranthene	440		ug/kg	130	38.	1
Benzo(k)fluoranthene	130		ug/kg	130	36.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01 Date Collected: 12/19/16 14:40

Client ID: B-11, S2, 2-4' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	330		ug/kg	130	23.	1
Acenaphthylene	57	J	ug/kg	180	34.	1
Anthracene	100	J	ug/kg	130	44.	1
Benzo(ghi)perylene	320		ug/kg	180	26.	1
Fluorene	48	J	ug/kg	220	22.	1
Phenanthrene	410		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	180	31.	1
Pyrene	520		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Organic Acid	458	J	ug/kg			1
Unknown	183	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	32		10-136
4-Terphenyl-d14	46		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:32
Analyst: KV
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	94	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	48	J	ug/kg	110	22.	1
Benzo(a)pyrene	54	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	65	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02 Date Collected: 12/19/16 15:00

Client ID: B-5, S1, 0-2' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	49	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	33	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	55	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	150	27.	1
Pyrene	82	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	53		18-120

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:58
Analyst: KV
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	30	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04 Date Collected: 12/20/16 15:10

Client ID: B-8, 2-6' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	27	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	24	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	228	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown	266	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	43		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 03:23
Analyst: KV
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	45	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	530		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	39	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	230		ug/kg	150	45.	1
Benzo(b)fluoranthene	280		ug/kg	110	31.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05 Date Collected: 12/20/16 15:00

Client ID: B-7, S3, 4-6' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	91	J	ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	38	J	ug/kg	190	18.	1
Phenanthrene	500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	39	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	510		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	48		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 03:49
Analyst: KV
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	38	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	300		ug/kg	110	21.	1
Benzo(a)pyrene	320		ug/kg	150	45.	1
Benzo(b)fluoranthene	400		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	29.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06 Date Collected: 12/20/16 14:55

Client ID: B-6, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	330		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	28.	1
Anthracene	73	J	ug/kg	110	36.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	62	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	150	26.	1
Pyrene	490		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown PAH	249	J	ug/kg			1
Unknown	150	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	54		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 04:15
Analyst: KV
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07 Date Collected: 12/20/16 14:50

Client ID: B-4, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	53		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 04:41
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	720		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	81000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	43	J	ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2400		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	43000	E	ug/kg	110	21.	1
Benzo(a)pyrene	41000	E	ug/kg	150	46.	1
Benzo(b)fluoranthene	53000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	9700	E	ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 Date Collected: 12/21/16 14:15

Client ID: B-3, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	33000	E	ug/kg	110	20.	1
Acenaphthylene	7200		ug/kg	150	29.	1
Anthracene	16000	E	ug/kg	110	37.	1
Benzo(ghi)perylene	19000	E	ug/kg	150	22.	1
Fluorene	3000		ug/kg	190	18.	1
Phenanthrene	38000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	5300		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	24000	E	ug/kg	150	26.	1
Pyrene	70000	E	ug/kg	110	19.	1
Biphenyl	190	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	3100		ug/kg	190	18.	1
2-Methylnaphthalene	560		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	570		ug/kg	190	28.	1
2-Methylphenol	140	J	ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	580		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	2300		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	3580	J	ug/kg			1
Unknown PAH	482	J	ug/kg			1
Unknown PAH	273	J	ug/kg			1
Unknown	208	J	ug/kg			1
Unknown Thiophene	217	J	ug/kg			1
Unknown Naphthalene	874	J	ug/kg			1
Unknown PAH	226	J	ug/kg			1
Unknown Naphthalene	1070	J	ug/kg			1
Unknown PAH	210	J	ug/kg			1
Unknown PAH	203	J	ug/kg			1
Unknown PAH	3040	J	ug/kg			1
Unknown PAH	194	J	ug/kg			1
Unknown PAH	285	J	ug/kg			1
Unknown PAH	370	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown Naphthalene	264	J	ug/kg			1
Unknown PAH	1510	J	ug/kg			1
Unknown	183	J	ug/kg			1
Unknown	489	J	ug/kg			1
Unknown Naphthalene	1170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	61		18-120

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 D
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 09:28
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	110000		ug/kg	2200	430	20
Benzo(a)anthracene	54000		ug/kg	2200	420	20
Benzo(a)pyrene	46000		ug/kg	3000	920	20
Benzo(b)fluoranthene	56000		ug/kg	2200	630	20
Benzo(k)fluoranthene	14000		ug/kg	2200	600	20
Chrysene	44000		ug/kg	2200	390	20
Anthracene	20000		ug/kg	2200	730	20
Benzo(ghi)perylene	24000		ug/kg	3000	440	20
Phenanthrene	50000		ug/kg	2200	460	20
Indeno(1,2,3-cd)pyrene	28000		ug/kg	3000	520	20
Pyrene	92000		ug/kg	2200	370	20

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 05:06
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	880		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	38	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	470		ug/kg	110	21.	1
Benzo(a)pyrene	430		ug/kg	150	46.	1
Benzo(b)fluoranthene	490		ug/kg	110	32.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09 Date Collected: 12/21/16 14:25

Client ID: B-1, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	450		ug/kg	110	20.	1
Acenaphthylene	58	J	ug/kg	150	29.	1
Anthracene	270		ug/kg	110	37.	1
Benzo(ghi)perylene	210		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	18.	1
Phenanthrene	850		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	26.	1
Pyrene	860		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	30	J	ug/kg	190	18.	1
2-Methylnaphthalene	48	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown PAH	160	J	ug/kg			1
Unknown PAH	227	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	282	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	50		18-120

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 05:32
Analyst: KV
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	120		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	64	J	ug/kg	110	21.	1
Benzo(a)pyrene	76	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	80	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	35	J	ug/kg	110	29.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10 Date Collected: 12/21/16 14:35

Client ID: B-2 Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	61	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	51	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	60	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	46	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	81		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	62		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Acenaphthene	70		63		31-137	11		50
Benzidine	14		11		10-66	24		50
1,2,4-Trichlorobenzene	72		66		38-107	9		50
Hexachlorobenzene	72		64		40-140	12		50
Bis(2-chloroethyl)ether	73		66		40-140	10		50
2-Chloronaphthalene	73		65		40-140	12		50
1,2-Dichlorobenzene	68		63		40-140	8		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	66		62		28-104	6		50
3,3'-Dichlorobenzidine	50		46		40-140	8		50
2,4-Dinitrotoluene	78		71		40-132	9		50
2,6-Dinitrotoluene	81		74		40-140	9		50
Azobenzene	73		66		40-140	10		50
Fluoranthene	72		64		40-140	12		50
4-Chlorophenyl phenyl ether	73		64		40-140	13		50
4-Bromophenyl phenyl ether	72		65		40-140	10		50
Bis(2-chloroisopropyl)ether	70		65		40-140	7		50
Bis(2-chloroethoxy)methane	75		70		40-117	7		50
Hexachlorobutadiene	69		63		40-140	9		50
Hexachlorocyclopentadiene	68		61		40-140	11		50
Hexachloroethane	68		62		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Isophorone	73		68		40-140	7		50
Naphthalene	69		62		40-140	11		50
Nitrobenzene	77		70		40-140	10		50
NDPA/DPA	73		65		36-157	12		50
n-Nitrosodi-n-propylamine	75		70		32-121	7		50
Bis(2-ethylhexyl)phthalate	82		72		40-140	13		50
Butyl benzyl phthalate	80		70		40-140	13		50
Di-n-butylphthalate	76		66		40-140	14		50
Di-n-octylphthalate	85		74		40-140	14		50
Diethyl phthalate	74		65		40-140	13		50
Dimethyl phthalate	72		66		40-140	9		50
Benzo(a)anthracene	72		63		40-140	13		50
Benzo(a)pyrene	73		65		40-140	12		50
Benzo(b)fluoranthene	72		65		40-140	10		50
Benzo(k)fluoranthene	72		63		40-140	13		50
Chrysene	71		62		40-140	14		50
Acenaphthylene	73		64		40-140	13		50
Anthracene	73		63		40-140	15		50
Benzo(ghi)perylene	72		60		40-140	18		50
Fluorene	72		65		40-140	10		50
Phenanthrene	73		63		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Dibenzo(a,h)anthracene	69		59		40-140	16		50
Indeno(1,2,3-cd)pyrene	72		61		40-140	17		50
Pyrene	72		62		35-142	15		50
Biphenyl	76		69		54-104	10		50
4-Chloroaniline	**36**	Q	52		40-140	36		50
1-Methylnaphthalene	73		64		26-130	13		50
2-Nitroaniline	76		68		47-134	11		50
3-Nitroaniline	55		51		26-129	8		50
4-Nitroaniline	70		61		41-125	14		50
Dibenzofuran	70		62		40-140	12		50
2-Methylnaphthalene	71		64		40-140	10		50
1,2,4,5-Tetrachlorobenzene	75		67		40-117	11		50
Acetophenone	86		77		14-144	11		50
n-Nitrosodimethylamine	67		60		22-100	11		50
2,4,6-Trichlorophenol	84		74		30-130	13		50
p-Chloro-m-cresol	85		76		26-103	11		50
2-Chlorophenol	77		71		25-102	8		50
2,4-Dichlorophenol	85		77		30-130	10		50
2,4-Dimethylphenol	78		71		30-130	9		50
2-Nitrophenol	78		74		30-130	5		50
4-Nitrophenol	81		69		11-114	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
2,4-Dinitrophenol	56		46		4-130	20		50
4,6-Dinitro-o-cresol	69		64		10-130	8		50
Pentachlorophenol	58		53		17-109	9		50
Phenol	76		68		26-90	11		50
2-Methylphenol	82		75		30-130.	9		50
3-Methylphenol/4-Methylphenol	84		75		30-130	11		50
2,4,5-Trichlorophenol	79		71		30-130	11		50
Benzoic Acid	23		22		10-110	4		50
Benzyl Alcohol	85		77		40-140	10		50
Carbazole	73		64		54-128	13		50
Parathion, ethyl	95		85		40-140	11		50
Atrazine	96		85		40-140	12		50
Benzaldehyde	72		68		40-140	6		50
Caprolactam	87		77		15-130	12		50
2,3,4,6-Tetrachlorophenol	74		66		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		72		25-120
Phenol-d6	82		76		10-120
Nitrobenzene-d5	76		70		23-120
2-Fluorobiphenyl	71		65		30-120
2,4,6-Tribromophenol	73		64		10-136
4-Terphenyl-d14	69		62		18-120

PCBS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 18:49
Analyst: AF
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 13:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	2.96	1	A
Aroclor 1221	ND		ug/kg	37.5	3.45	1	A
Aroclor 1232	ND		ug/kg	37.5	4.39	1	A
Aroclor 1242	ND		ug/kg	37.5	4.59	1	A
Aroclor 1248	ND		ug/kg	37.5	3.16	1	A
Aroclor 1254	ND		ug/kg	37.5	3.08	1	A
Aroclor 1260	ND		ug/kg	37.5	2.86	1	A
Aroclor 1262	ND		ug/kg	37.5	1.86	1	A
Aroclor 1268	238		ug/kg	37.5	5.43	1	B
PCBs, Total	238		ug/kg	37.5	5.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	**344**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	**402**	Q	30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-02	Date Collected:	12/19/16 15:00
Client ID:	B-5, S1, 0-2'	Date Received:	12/19/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:03	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	2.95	1	A
Aroclor 1221	ND		ug/kg	37.4	3.44	1	A
Aroclor 1232	ND		ug/kg	37.4	4.38	1	A
Aroclor 1242	ND		ug/kg	37.4	4.57	1	A
Aroclor 1248	ND		ug/kg	37.4	3.15	1	A
Aroclor 1254	ND		ug/kg	37.4	3.07	1	A
Aroclor 1260	ND		ug/kg	37.4	2.85	1	A
Aroclor 1262	ND		ug/kg	37.4	1.85	1	A
Aroclor 1268	ND		ug/kg	37.4	5.42	1	A
PCBs, Total	ND		ug/kg	37.4	1.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 19:17
Analyst: AF
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	2.81	1	A
Aroclor 1221	ND		ug/kg	35.6	3.28	1	A
Aroclor 1232	ND		ug/kg	35.6	4.18	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	3.01	1	A
Aroclor 1254	ND		ug/kg	35.6	2.93	1	A
Aroclor 1260	ND		ug/kg	35.6	2.72	1	A
Aroclor 1262	ND		ug/kg	35.6	1.77	1	A
Aroclor 1268	ND		ug/kg	35.6	5.17	1	A
PCBs, Total	ND		ug/kg	35.6	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-05	Date Collected:	12/20/16 15:00
Client ID:	B-7, S3, 4-6'	Date Received:	12/20/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:30	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	2.97	1	A
Aroclor 1221	ND		ug/kg	37.6	3.47	1	A
Aroclor 1232	ND		ug/kg	37.6	4.41	1	A
Aroclor 1242	ND		ug/kg	37.6	4.60	1	A
Aroclor 1248	ND		ug/kg	37.6	3.17	1	A
Aroclor 1254	ND		ug/kg	37.6	3.09	1	A
Aroclor 1260	16.4	J	ug/kg	37.6	2.86	1	A
Aroclor 1262	ND		ug/kg	37.6	1.86	1	A
Aroclor 1268	ND		ug/kg	37.6	5.45	1	A
PCBs, Total	16.4	J	ug/kg	37.6	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 19:44
Analyst: AF
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	2.93	1	A
Aroclor 1221	ND		ug/kg	37.1	3.42	1	A
Aroclor 1232	ND		ug/kg	37.1	4.35	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	3.13	1	A
Aroclor 1254	ND		ug/kg	37.1	3.05	1	A
Aroclor 1260	5.36	J	ug/kg	37.1	2.83	1	A
Aroclor 1262	ND		ug/kg	37.1	1.84	1	A
Aroclor 1268	ND		ug/kg	37.1	5.38	1	A
PCBs, Total	5.36	J	ug/kg	37.1	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-07	Date Collected:	12/20/16 14:50
Client ID:	B-4, S2, 2-4'	Date Received:	12/20/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:58	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.06	1	A
Aroclor 1221	ND		ug/kg	38.7	3.57	1	A
Aroclor 1232	ND		ug/kg	38.7	4.54	1	A
Aroclor 1242	ND		ug/kg	38.7	4.74	1	A
Aroclor 1248	ND		ug/kg	38.7	3.27	1	A
Aroclor 1254	ND		ug/kg	38.7	3.18	1	A
Aroclor 1260	ND		ug/kg	38.7	2.95	1	A
Aroclor 1262	ND		ug/kg	38.7	1.92	1	A
Aroclor 1268	ND		ug/kg	38.7	5.62	1	A
PCBs, Total	ND		ug/kg	38.7	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-08	Date Collected:	12/21/16 14:15
Client ID:	B-3, S2, 2-4'	Date Received:	12/21/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 20:12	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	2.94	1	A
Aroclor 1221	ND		ug/kg	37.2	3.43	1	A
Aroclor 1232	ND		ug/kg	37.2	4.36	1	A
Aroclor 1242	ND		ug/kg	37.2	4.55	1	A
Aroclor 1248	ND		ug/kg	37.2	3.14	1	A
Aroclor 1254	ND		ug/kg	37.2	3.06	1	A
Aroclor 1260	15.6	J	ug/kg	37.2	2.84	1	A
Aroclor 1262	ND		ug/kg	37.2	1.84	1	A
Aroclor 1268	ND		ug/kg	37.2	5.40	1	A
PCBs, Total	15.6	J	ug/kg	37.2	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 20:25
Analyst: AF
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.2	5.23	1	A
Aroclor 1221	ND		ug/kg	66.2	6.10	1	A
Aroclor 1232	ND		ug/kg	66.2	7.76	1	A
Aroclor 1242	ND		ug/kg	66.2	8.10	1	A
Aroclor 1248	ND		ug/kg	66.2	5.59	1	A
Aroclor 1254	ND		ug/kg	66.2	5.44	1	A
Aroclor 1260	ND		ug/kg	66.2	5.04	1	A
Aroclor 1262	ND		ug/kg	66.2	3.28	1	A
Aroclor 1268	ND		ug/kg	66.2	9.60	1	A
PCBs, Total	ND		ug/kg	66.2	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 20:39
Analyst: AF
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	ND		ug/kg	37.0	3.04	1	A
Aroclor 1260	ND		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.36	1	A
PCBs, Total	ND		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/29/16 21:07
Analyst: AF

Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG965624-1						
Aroclor 1016	ND		ug/kg	32.2	2.55	A
Aroclor 1221	ND		ug/kg	32.2	2.97	A
Aroclor 1232	ND		ug/kg	32.2	3.78	A
Aroclor 1242	ND		ug/kg	32.2	3.94	A
Aroclor 1248	ND		ug/kg	32.2	2.72	A
Aroclor 1254	ND		ug/kg	32.2	2.65	A
Aroclor 1260	ND		ug/kg	32.2	2.46	A
Aroclor 1262	ND		ug/kg	32.2	1.60	A
Aroclor 1268	ND		ug/kg	32.2	4.67	A
PCBs, Total	ND		ug/kg	32.2	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG965624-2 WG965624-3									
Aroclor 1016	75		72		40-140	4		50	A
Aroclor 1260	48		45		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		84		30-150	A
Decachlorobiphenyl	53		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		89		30-150	B
Decachlorobiphenyl	67		58		30-150	B

PESTICIDES

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:21
Analyst: RL
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND	PI	ug/kg	1.13	0.563	1	B
4,4'-DDE	16.2		ug/kg	1.80	0.417	1	B
4,4'-DDD	5.50		ug/kg	1.80	0.643	1	B
4,4'-DDT	134		ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	**202**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	**217**	Q	30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:33
Analyst: RL
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	1.01	J	ug/kg	1.16	0.578	1	A
4,4'-DDE	1.50	J	ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	3.56	P	ug/kg	3.47	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	33		30-150	B
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:46
Analyst: RL
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.997	1	A
Toxaphene	ND		ug/kg	32.0	8.97	1	A
cis-Chlordane	ND		ug/kg	2.14	0.595	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	13.9	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:59
Analyst: RL
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.573	1	A
4,4'-DDE	ND		ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	2.66	J	ug/kg	3.44	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	14.9	6.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:11
Analyst: RL
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:24
Analyst: RL
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.0	6.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:36
Analyst: RL
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	**181**	Q	30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:49
Analyst: RL
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	3.30	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.3	5.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 14:02
Analyst: RL
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.619	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/16 11:43
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964591-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.629	0.281	A
Alpha-BHC	ND		ug/kg	0.629	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.755	0.338	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.629	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.629	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.881	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.498	A
Chlordane	ND		ug/kg	12.3	5.00	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/16 11:43
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964591-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	93		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964591-2 WG964591-3									
Delta-BHC	109		112		30-150	3		30	A
Lindane	112		115		30-150	3		30	A
Alpha-BHC	120		126		30-150	5		30	A
Beta-BHC	123		117		30-150	5		30	A
Heptachlor	123		124		30-150	1		30	A
Aldrin	129		133		30-150	3		30	A
Heptachlor epoxide	121		124		30-150	2		30	A
Endrin	121		124		30-150	2		30	A
Endrin aldehyde	97		101		30-150	4		30	A
Endrin ketone	117		123		30-150	5		30	A
Dieldrin	131		134		30-150	2		30	A
4,4'-DDE	126		127		30-150	1		30	A
4,4'-DDD	124		127		30-150	2		30	A
4,4'-DDT	126		128		30-150	2		30	A
Endosulfan I	126		127		30-150	1		30	A
Endosulfan II	119		122		30-150	2		30	A
Endosulfan sulfate	97		107		30-150	10		30	A
Methoxychlor	126		131		30-150	4		30	A
cis-Chlordane	113		117		30-150	3		30	A
trans-Chlordane	104		110		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964591-2 WG964591-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		108		30-150	B
Decachlorobiphenyl	101		96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	103		111		30-150	A
Decachlorobiphenyl	110		119		30-150	A

METALS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	8.9	2.4	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Antimony, Total	0.98	J	mg/kg	4.4	0.34	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Arsenic, Total	6.9		mg/kg	0.89	0.18	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Barium, Total	670		mg/kg	0.89	0.15	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Beryllium, Total	0.30	J	mg/kg	0.44	0.03	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Cadmium, Total	0.73	J	mg/kg	0.89	0.09	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Calcium, Total	34000		mg/kg	8.9	3.1	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Chromium, Total	76		mg/kg	0.89	0.09	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Cobalt, Total	2.7		mg/kg	1.8	0.15	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Copper, Total	89		mg/kg	0.89	0.23	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Iron, Total	14000		mg/kg	4.4	0.80	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Lead, Total	2300		mg/kg	4.4	0.24	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Magnesium, Total	8700		mg/kg	8.9	1.4	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Manganese, Total	260		mg/kg	0.89	0.14	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Mercury, Total	0.68		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:19	EPA 7471B	1,7471B	BV
Nickel, Total	5.8		mg/kg	2.2	0.22	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Potassium, Total	560		mg/kg	220	13.	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Silver, Total	0.25	J	mg/kg	0.89	0.25	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Sodium, Total	230		mg/kg	180	2.8	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Vanadium, Total	28		mg/kg	0.89	0.18	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Zinc, Total	480		mg/kg	4.4	0.26	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8100		mg/kg	9.1	2.5	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Antimony, Total	0.73	J	mg/kg	4.6	0.35	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Arsenic, Total	2.4		mg/kg	0.91	0.19	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Barium, Total	60		mg/kg	0.91	0.16	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Beryllium, Total	0.31	J	mg/kg	0.46	0.03	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Cadmium, Total	0.49	J	mg/kg	0.91	0.09	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Calcium, Total	1300		mg/kg	9.1	3.2	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Chromium, Total	20		mg/kg	0.91	0.09	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Cobalt, Total	5.4		mg/kg	1.8	0.15	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Copper, Total	38		mg/kg	0.91	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Iron, Total	13000		mg/kg	4.6	0.82	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Lead, Total	90		mg/kg	4.6	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Magnesium, Total	1800		mg/kg	9.1	1.4	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Manganese, Total	250		mg/kg	0.91	0.14	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Mercury, Total	0.25		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:22	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.3	0.22	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Potassium, Total	450		mg/kg	230	13.	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.91	0.26	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Sodium, Total	75	J	mg/kg	180	2.9	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.91	0.18	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Zinc, Total	65		mg/kg	4.6	0.27	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5600		mg/kg	8.6	2.3	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.3	0.32	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Arsenic, Total	4.9		mg/kg	0.86	0.18	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Barium, Total	89		mg/kg	0.86	0.15	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Beryllium, Total	0.15	J	mg/kg	0.43	0.03	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Cadmium, Total	4.2		mg/kg	0.86	0.08	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Calcium, Total	4300		mg/kg	8.6	3.0	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Chromium, Total	15		mg/kg	0.86	0.08	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Cobalt, Total	4.1		mg/kg	1.7	0.14	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Copper, Total	13		mg/kg	0.86	0.22	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Iron, Total	9600		mg/kg	4.3	0.77	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Lead, Total	340		mg/kg	4.3	0.23	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Magnesium, Total	2800		mg/kg	8.6	1.3	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Manganese, Total	190		mg/kg	0.86	0.14	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Mercury, Total	0.10		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:25	EPA 7471B	1,7471B	BV
Nickel, Total	9.3		mg/kg	2.1	0.21	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Potassium, Total	360		mg/kg	210	12.	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Selenium, Total	0.63	J	mg/kg	1.7	0.22	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.86	0.24	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Sodium, Total	170		mg/kg	170	2.7	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.7	0.27	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Vanadium, Total	19		mg/kg	0.86	0.17	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Zinc, Total	1800		mg/kg	4.3	0.25	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8000		mg/kg	9.0	2.4	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Arsenic, Total	4.8		mg/kg	0.90	0.19	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Barium, Total	150		mg/kg	0.90	0.16	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Beryllium, Total	0.29	J	mg/kg	0.45	0.03	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Cadmium, Total	0.10	J	mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Calcium, Total	12000		mg/kg	9.0	3.2	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Chromium, Total	25		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Cobalt, Total	5.5		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Copper, Total	120		mg/kg	0.90	0.23	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Iron, Total	13000		mg/kg	4.5	0.82	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Lead, Total	310		mg/kg	4.5	0.24	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Magnesium, Total	2600		mg/kg	9.0	1.4	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.90	0.14	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Mercury, Total	0.25		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:27	EPA 7471B	1,7471B	BV
Nickel, Total	16		mg/kg	2.3	0.22	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Potassium, Total	480		mg/kg	230	13.	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.26	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Vanadium, Total	24		mg/kg	0.90	0.18	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Zinc, Total	190		mg/kg	4.5	0.26	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	8.8	2.4	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.4	0.33	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Arsenic, Total	6.3		mg/kg	0.88	0.18	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Barium, Total	75		mg/kg	0.88	0.15	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.29	J	mg/kg	0.44	0.03	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.88	0.09	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Calcium, Total	2600		mg/kg	8.8	3.1	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Chromium, Total	22		mg/kg	0.88	0.08	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Cobalt, Total	5.8		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Copper, Total	21		mg/kg	0.88	0.23	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Iron, Total	13000		mg/kg	4.4	0.79	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Lead, Total	160		mg/kg	4.4	0.24	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Magnesium, Total	2000		mg/kg	8.8	1.4	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Manganese, Total	220		mg/kg	0.88	0.14	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Mercury, Total	0.23		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:30	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.21	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Potassium, Total	490		mg/kg	220	13.	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.88	0.25	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Sodium, Total	430		mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Vanadium, Total	21		mg/kg	0.88	0.18	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Zinc, Total	110		mg/kg	4.4	0.26	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9800		mg/kg	9.0	2.4	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Arsenic, Total	4.2		mg/kg	0.90	0.19	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Barium, Total	45		mg/kg	0.90	0.16	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Beryllium, Total	0.32	J	mg/kg	0.45	0.03	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Calcium, Total	1900		mg/kg	9.0	3.2	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Chromium, Total	31		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Cobalt, Total	7.5		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Copper, Total	26		mg/kg	0.90	0.23	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	4.5	0.81	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Lead, Total	150		mg/kg	4.5	0.24	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Magnesium, Total	2800		mg/kg	9.0	1.4	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Manganese, Total	230		mg/kg	0.90	0.14	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Mercury, Total	0.14		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:40	EPA 7471B	1,7471B	BV
Nickel, Total	17		mg/kg	2.2	0.22	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Potassium, Total	590		mg/kg	220	13.	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Selenium, Total	0.23	J	mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.25	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Sodium, Total	120	J	mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Vanadium, Total	30		mg/kg	0.90	0.18	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Zinc, Total	43		mg/kg	4.5	0.26	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6200		mg/kg	8.7	2.4	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Antimony, Total	5.5		mg/kg	4.4	0.33	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Arsenic, Total	11		mg/kg	0.87	0.18	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Barium, Total	190		mg/kg	0.87	0.15	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Beryllium, Total	0.15	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Cadmium, Total	0.44	J	mg/kg	0.87	0.09	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Calcium, Total	9200		mg/kg	8.7	3.0	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Chromium, Total	19		mg/kg	0.87	0.08	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Cobalt, Total	5.8		mg/kg	1.7	0.14	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Copper, Total	37		mg/kg	0.87	0.22	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Iron, Total	36000		mg/kg	4.4	0.79	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Lead, Total	960		mg/kg	4.4	0.23	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Magnesium, Total	2100		mg/kg	8.7	1.3	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Manganese, Total	330		mg/kg	0.87	0.14	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Mercury, Total	0.69		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:42	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.2	0.21	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Potassium, Total	390		mg/kg	220	12.	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.22	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.87	0.25	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Sodium, Total	160	J	mg/kg	170	2.8	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.28	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.87	0.18	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Zinc, Total	360		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.8	2.4	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.4	0.33	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Arsenic, Total	2.2		mg/kg	0.88	0.18	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Barium, Total	71		mg/kg	0.88	0.15	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Beryllium, Total	0.12	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.88	0.09	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Calcium, Total	2300		mg/kg	8.8	3.1	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Chromium, Total	28		mg/kg	0.88	0.08	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Cobalt, Total	6.8		mg/kg	1.8	0.14	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Copper, Total	22		mg/kg	0.88	0.22	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Iron, Total	14000		mg/kg	4.4	0.79	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Lead, Total	61		mg/kg	4.4	0.23	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Magnesium, Total	3600		mg/kg	8.8	1.3	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Manganese, Total	120		mg/kg	0.88	0.14	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Mercury, Total	0.49		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:45	EPA 7471B	1,7471B	BV
Nickel, Total	13		mg/kg	2.2	0.21	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Potassium, Total	1700		mg/kg	220	13.	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.22	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Sodium, Total	520		mg/kg	180	2.8	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Vanadium, Total	30		mg/kg	0.88	0.18	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Zinc, Total	45		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7400		mg/kg	8.9	2.4	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.4	0.34	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Arsenic, Total	2.4		mg/kg	0.89	0.18	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Barium, Total	47		mg/kg	0.89	0.15	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Beryllium, Total	0.10	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.89	0.09	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Calcium, Total	3800		mg/kg	8.9	3.1	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Chromium, Total	24		mg/kg	0.89	0.09	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Cobalt, Total	6.6		mg/kg	1.8	0.15	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Copper, Total	29		mg/kg	0.89	0.23	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Iron, Total	12000		mg/kg	4.4	0.80	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Lead, Total	47		mg/kg	4.4	0.24	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Magnesium, Total	3500		mg/kg	8.9	1.4	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Manganese, Total	360		mg/kg	0.89	0.14	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Mercury, Total	0.24		mg/kg	0.07	0.02	1	12/27/16 18:57	12/28/16 15:48	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.22	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Potassium, Total	630		mg/kg	220	13.	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.89	0.25	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Sodium, Total	460		mg/kg	180	2.8	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Vanadium, Total	25		mg/kg	0.89	0.18	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Zinc, Total	49		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG963178-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Chromium, Total	0.10	J	mg/kg	0.40	0.04	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Iron, Total	1.4	J	mg/kg	2.0	0.36	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Manganese, Total	ND		mg/kg	0.40	0.06	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.8	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Sodium, Total	ND		mg/kg	80	1.3	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Zinc, Total	ND		mg/kg	2.0	0.12	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04-07 Batch: WG963583-1										
Aluminum, Total	1.5	J	mg/kg	4.0	1.1	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Arsenic, Total	0.09	J	mg/kg	0.40	0.08	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Chromium, Total	0.07	J	mg/kg	0.40	0.04	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Iron, Total	0.68	J	mg/kg	2.0	0.36	1	12/21/16 19:33	12/22/16 04:50	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Manganese, Total	0.11	J	mg/kg	0.40	0.06	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.8	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Sodium, Total	ND		mg/kg	80	1.3	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Zinc, Total	0.22	J	mg/kg	2.0	0.12	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08-10 Batch: WG964052-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.07	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Lead, Total	ND	mg/kg	2.0	0.11	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Magnesium, Total	ND	mg/kg	4.0	0.62	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Manganese, Total	ND	mg/kg	0.40	0.06	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Nickel, Total	ND	mg/kg	1.0	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Potassium, Total	ND	mg/kg	100	5.8	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Selenium, Total	ND	mg/kg	0.80	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Silver, Total	ND	mg/kg	0.40	0.11	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Sodium, Total	ND	mg/kg	80	1.3	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Thallium, Total	ND	mg/kg	0.80	0.13	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Vanadium, Total	ND	mg/kg	0.40	0.08	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Zinc, Total	ND	mg/kg	2.0	0.12	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-10 Batch: WG965025-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 14:54	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG963178-2 SRM Lot Number: D091-540								
Aluminum, Total	70		-		52-148	-		
Antimony, Total	179		-		1-200	-		
Arsenic, Total	96		-		80-121	-		
Barium, Total	91		-		84-117	-		
Beryllium, Total	99		-		83-117	-		
Cadmium, Total	105		-		83-117	-		
Calcium, Total	102		-		81-118	-		
Chromium, Total	105		-		80-119	-		
Cobalt, Total	110		-		84-115	-		
Copper, Total	98		-		82-117	-		
Iron, Total	80		-		47-154	-		
Lead, Total	96		-		82-118	-		
Magnesium, Total	87		-		77-123	-		
Manganese, Total	100		-		82-118	-		
Nickel, Total	108		-		83-117	-		
Potassium, Total	83		-		72-128	-		
Selenium, Total	96		-		79-121	-		
Silver, Total	93		-		75-124	-		
Sodium, Total	104		-		73-126	-		
Thallium, Total	99		-		80-121	-		
Vanadium, Total	96		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG963178-2 SRM Lot Number: D091-540					
Zinc, Total	98	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG963583-2 SRM Lot Number: D091-540					
Aluminum, Total	79	-	52-148	-	
Antimony, Total	114	-	1-200	-	
Arsenic, Total	110	-	80-121	-	
Barium, Total	86	-	84-117	-	
Beryllium, Total	90	-	83-117	-	
Cadmium, Total	104	-	83-117	-	
Calcium, Total	97	-	81-118	-	
Chromium, Total	98	-	80-119	-	
Cobalt, Total	104	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	107	-	47-154	-	
Lead, Total	103	-	82-118	-	
Magnesium, Total	98	-	77-123	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	83	-	72-128	-	
Selenium, Total	101	-	79-121	-	
Silver, Total	99	-	75-124	-	
Sodium, Total	85	-	73-126	-	
Thallium, Total	106	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG963583-2 SRM Lot Number: D091-540					
Zinc, Total	103	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 Batch: WG964052-2 SRM Lot Number: D091-540					
Aluminum, Total	56	-	52-148	-	
Antimony, Total	122	-	1-200	-	
Arsenic, Total	90	-	80-121	-	
Barium, Total	96	-	84-117	-	
Beryllium, Total	87	-	83-117	-	
Cadmium, Total	90	-	83-117	-	
Calcium, Total	86	-	81-118	-	
Chromium, Total	84	-	80-119	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	92	-	82-117	-	
Iron, Total	67	-	47-154	-	
Lead, Total	82	-	82-118	-	
Magnesium, Total	80	-	77-123	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	75	-	72-128	-	
Selenium, Total	84	-	79-121	-	
Silver, Total	83	-	75-124	-	
Sodium, Total	83	-	73-126	-	
Thallium, Total	92	-	80-121	-	
Vanadium, Total	80	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 Batch: WG964052-2 SRM Lot Number: D091-540					
Zinc, Total	82	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 Batch: WG965025-2 SRM Lot Number: D091-540					
Mercury, Total	106	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-3 QC Sample: L1641246-01 Client ID: MS Sample												
Aluminum, Total	5900	189	7600	**901**	Q	-	-		75-125	-		20
Antimony, Total	0.55J	47.2	33	**70**	Q	-	-		75-125	-		20
Arsenic, Total	2.3	11.3	14	103		-	-		75-125	-		20
Barium, Total	56.	189	230	92		-	-		75-125	-		20
Beryllium, Total	0.27J	4.72	4.8	102		-	-		75-125	-		20
Cadmium, Total	0.53J	4.81	5.2	108		-	-		75-125	-		20
Calcium, Total	1700	943	2900	**127**	Q	-	-		75-125	-		20
Chromium, Total	12.	18.9	32	106		-	-		75-125	-		20
Cobalt, Total	6.3	47.2	48	88		-	-		75-125	-		20
Copper, Total	71.	23.6	71	**0**	Q	-	-		75-125	-		20
Iron, Total	13000	94.3	16000	**3180**	Q	-	-		75-125	-		20
Lead, Total	96.	48.1	120	**50**	Q	-	-		75-125	-		20
Magnesium, Total	1700	943	2600	95		-	-		75-125	-		20
Manganese, Total	260	47.2	320	**127**	Q	-	-		75-125	-		20
Nickel, Total	12.	47.2	54	89		-	-		75-125	-		20
Potassium, Total	630	943	1700	113		-	-		75-125	-		20
Selenium, Total	ND	11.3	12	106		-	-		75-125	-		20
Silver, Total	ND	28.3	28	99		-	-		75-125	-		20
Sodium, Total	440	943	1300	91		-	-		75-125	-		20
Thallium, Total	ND	11.3	11	97		-	-		75-125	-		20
Vanadium, Total	16.	47.2	64	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-3 QC Sample: L1641246-01 Client ID: MS Sample										
Zinc, Total	390	47.2	140	**0**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-3 QC Sample: L1641534-01 Client ID: MS Sample										
Aluminum, Total	9200	175	7200	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	43.8	40	91		-	-	75-125	-	20
Arsenic, Total	6.4	10.5	13	**63**	Q	-	-	75-125	-	20
Barium, Total	29.	175	170	80		-	-	75-125	-	20
Beryllium, Total	0.36	4.38	4.0	83		-	-	75-125	-	20
Cadmium, Total	ND	4.46	3.8	85		-	-	75-125	-	20
Calcium, Total	5100	875	6600	**171**	Q	-	-	75-125	-	20
Chromium, Total	21.	17.5	23	**11**	Q	-	-	75-125	-	20
Cobalt, Total	7.3	43.8	42	79		-	-	75-125	-	20
Copper, Total	27.	21.9	46	87		-	-	75-125	-	20
Iron, Total	19000	87.5	15000	**0**	Q	-	-	75-125	-	20
Lead, Total	8.7	44.6	47	86		-	-	75-125	-	20
Magnesium, Total	5300	875	5000	**0**	Q	-	-	75-125	-	20
Manganese, Total	360	43.8	350	**0**	Q	-	-	75-125	-	20
Nickel, Total	16.	43.8	47	**71**	Q	-	-	75-125	-	20
Potassium, Total	800	875	1200	**46**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.5	9.3	88		-	-	75-125	-	20
Silver, Total	ND	26.3	25	95		-	-	75-125	-	20
Sodium, Total	110	875	900	90		-	-	75-125	-	20
Thallium, Total	ND	10.5	8.4	80		-	-	75-125	-	20
Vanadium, Total	19.	43.8	54	80		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-3 QC Sample: L1641534-01 Client ID: MS Sample										
Zinc, Total	49.	43.8	72	**52**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-3 QC Sample: L1641658-03 Client ID: MS Sample										
Aluminum, Total	8200	196	9400	**614**	Q	-	-	75-125	-	20
Antimony, Total	ND	48.9	38	78		-	-	75-125	-	20
Arsenic, Total	7.8	11.7	20	104		-	-	75-125	-	20
Barium, Total	12.	196	210	101		-	-	75-125	-	20
Beryllium, Total	0.22J	4.89	5.1	104		-	-	75-125	-	20
Cadmium, Total	ND	4.99	4.7	94		-	-	75-125	-	20
Calcium, Total	1400	978	3100	**174**	Q	-	-	75-125	-	20
Chromium, Total	33.	19.6	69	**184**	Q	-	-	75-125	-	20
Cobalt, Total	1.9	48.9	48	98		-	-	75-125	-	20
Copper, Total	5.5	24.4	32	108		-	-	75-125	-	20
Iron, Total	16000	97.8	23000	**7160**	Q	-	-	75-125	-	20
Lead, Total	6.4	49.9	55	97		-	-	75-125	-	20
Magnesium, Total	1600	978	2800	123		-	-	75-125	-	20
Manganese, Total	33.	48.9	82	100		-	-	75-125	-	20
Nickel, Total	4.0	48.9	51	96		-	-	75-125	-	20
Potassium, Total	1600	978	3200	**164**	Q	-	-	75-125	-	20
Selenium, Total	ND	11.7	10	85		-	-	75-125	-	20
Silver, Total	ND	29.3	30	102		-	-	75-125	-	20
Sodium, Total	81.J	978	1000	102		-	-	75-125	-	20
Thallium, Total	ND	11.7	12	102		-	-	75-125	-	20
Vanadium, Total	33.	48.9	99	**135**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-3 QC Sample: L1641658-03 Client ID: MS Sample										
Zinc, Total	28.	48.9	84	114		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG965025-3 QC Sample: L1640713-01 Client ID: MS Sample										
Mercury, Total	0.05J	0.192	0.24	**125**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-4 QC Sample: L1641246-01 Client ID: DUP Sample						
Aluminum, Total	5900	5600	mg/kg	5		20
Antimony, Total	0.55J	ND	mg/kg	NC		20
Arsenic, Total	2.3	4.2	mg/kg	**58**	Q	20
Barium, Total	56.	46	mg/kg	20		20
Beryllium, Total	0.27J	0.46	mg/kg	NC		20
Cadmium, Total	0.53J	1.3	mg/kg	NC		20
Calcium, Total	1700	1300	mg/kg	**27**	Q	20
Chromium, Total	12.	21	mg/kg	**55**	Q	20
Cobalt, Total	6.3	5.0	mg/kg	**23**	Q	20
Copper, Total	71.	85	mg/kg	18		20
Iron, Total	13000	29000	mg/kg	**76**	Q	20
Lead, Total	96.	82	mg/kg	16		20
Magnesium, Total	1700	1100	mg/kg	**43**	Q	20
Manganese, Total	260	430	mg/kg	**49**	Q	20
Nickel, Total	12.	7.3	mg/kg	**49**	Q	20
Potassium, Total	630	460	mg/kg	**31**	Q	20
Selenium, Total	ND	0.61J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	440	160J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-4 QC Sample: L1641246-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	16.	31	mg/kg	**64**	Q	20
Zinc, Total	390	78	mg/kg	**133**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-4 QC Sample: L1641534-01 Client ID: DUP Sample						
Lead, Total	8.7	11	mg/kg	**23**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-4 QC Sample: L1641658-03 Client ID: DUP Sample						
Aluminum, Total	8200	8000	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.8	7.4	mg/kg	5		20
Barium, Total	12.	13	mg/kg	8		20
Beryllium, Total	0.22J	0.26J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1400	1900	mg/kg	**30**	Q	20
Chromium, Total	33.	38	mg/kg	14		20
Cobalt, Total	1.9	2.1	mg/kg	10		20
Copper, Total	5.5	6.1	mg/kg	10		20
Iron, Total	16000	16000	mg/kg	0		20
Lead, Total	6.4	7.0	mg/kg	9		20
Magnesium, Total	1600	1700	mg/kg	6		20
Manganese, Total	33.	32	mg/kg	3		20
Nickel, Total	4.0	4.2	mg/kg	5		20
Potassium, Total	1600	1600	mg/kg	0		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	81.J	83J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-4 QC Sample: L1641658-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	33.	37	mg/kg	11	20
Zinc, Total	28.	30	mg/kg	7	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG965025-4 QC Sample: L1640713-01 Client ID: DUP Sample					
Mercury, Total	0.05J	0.04J	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
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	87.5		%	0.100	NA	1	-	12/20/16 10:56	121,2540G	RI
Cyanide, Total	0.34	J	mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:31	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
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	-	12/20/16 10:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.19	1	12/21/16 22:00	12/22/16 15:32	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	12/21/16 22:00	12/22/16 15:33	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
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	86.8		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:34	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	12/21/16 22:00	12/22/16 15:41	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
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	85.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:35	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	0.29	J	mg/kg	1.1	0.18	1	12/23/16 10:00	12/23/16 15:05	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
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	87.7		%	0.100	NA	1	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	0.25	J	mg/kg	1.0	0.17	1	12/23/16 10:00	12/23/16 15:06	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
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	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/23/16 10:00	12/23/16 15:10	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,04-07 Batch: WG963628-1										
Cyanide, Total	ND		mg/kg	0.91	0.15	1	12/21/16 22:00	12/22/16 15:05	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 08-10 Batch: WG964003-1										
Cyanide, Total	ND		mg/kg	0.92	0.15	1	12/23/16 10:00	12/23/16 15:00	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG963628-2 WG963628-3								
Cyanide, Total	118		101		80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 Batch: WG964003-2 WG964003-3								
Cyanide, Total	115		106		80-120	8		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG963628-4 WG963628-5 QC Sample: L1641295-01 Client ID: B-11, S2, 2-4'												
Cyanide, Total	0.34J	11	9.5	83		11	100		65-135	15		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG964003-4 WG964003-5 QC Sample: L1641295-09 Client ID: B-1, S2, 2-4'												
Cyanide, Total	0.25J	11	10	92		10	94		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG962907-1 QC Sample: L1641303-01 Client ID: DUP Sample						
Solids, Total	81.8	82.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG963353-1 QC Sample: L1641529-01 Client ID: DUP Sample						
Solids, Total	94.4	93.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG963984-1 QC Sample: L1641653-01 Client ID: DUP Sample						
Solids, Total	85.8	83.8	%	2		20

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/20/2016 03:48

Cooler Information	Custody Seal
Cooler	
A	Absent
B	Absent
A1	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-01A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01B	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01C	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	TS(7)
L1641295-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.1	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-01F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-02A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02B	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02C	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	TS(7)
L1641295-02E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.1	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-02F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-03A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03B	Vial water preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03C	Vial water preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	HOLD-WETCHEM()
L1641295-03E	Glass 60mL/2oz unpreserved	A	N/A	2.1	Y	Absent	HOLD-8081(14),HOLD-8270(14),HOLD-METAL(180),HOLD-8082()
L1641295-03F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	HOLD-8081(14),HOLD-8270(14),HOLD-METAL(180),HOLD-8082()
L1641295-04A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-04E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-04F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-05A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-05E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-05F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-06A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-06B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-06C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-06D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-06E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-06F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-07A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-07E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-07F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-08A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-08E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-08F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-09A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-09E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-09F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-10A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-10E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-10F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

Container Comments

L1641295-01B	Vial frozen: 12/20/16 03:48
L1641295-01C	Vial frozen: 12/20/16 03:48
L1641295-02B	Vial frozen: 12/20/16 03:48
L1641295-02C	Vial frozen: 12/20/16 03:48
L1641295-03B	Vial frozen: 12/20/16 03:48

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1641295-03C	Vial frozen: 12/20/16 03:48
L1641295-04B	Vial frozen: 12/21/16 09:37
L1641295-04C	Vial frozen: 12/21/16 09:37
L1641295-05B	Vial frozen: 12/21/16 09:37
L1641295-05C	Vial frozen: 12/21/16 09:37
L1641295-06B	Vial frozen: 12/21/16 09:37
L1641295-06C	Vial frozen: 12/21/16 09:37
L1641295-07B	Vial frozen: 12/21/16 09:37
L1641295-07C	Vial frozen: 12/21/16 09:37
L1641295-08B	Vial frozen: 12/22/16 05:05
L1641295-08C	Vial frozen: 12/22/16 05:05
L1641295-09B	Vial frozen: 12/22/16 05:05
L1641295-09C	Vial frozen: 12/22/16 05:05
L1641295-10B	Vial frozen: 12/22/16 05:05
L1641295-10C	Vial frozen: 12/22/16 05:05

*Values in parentheses indicate holding time in days

Project Name:	CPG YONKERS NY	**Lab Number:**	L1641295
Project Number:	Not Specified	**Report Date:**	12/30/16

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG YONKERS NY	**Lab Number:**	L1641295
Project Number:	Not Specified	**Report Date:**	12/30/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: ***EPA 3050B***

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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**.

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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 of

Date Rec'd in Lab: 12/22/16

ALPHA Job #: L1641295

Client Information
Client: CT Male
Address: 50 Century Hill Dr
Latham, NY 12110
Phone: 518.786.7400
Fax: 518.786.7299
Email: s.biever@ctmale.com

Project Information
Project Name: Cottage Place Gardens
Project Location: Yonkers, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Biever
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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	NYTCL-8260-HLW	NYTCL-8260-HLW	NYTCL-8081-8082-8	TAL Metals, Tot Hg	Total Cn				Total Bottle	Sample Specific Comments
L1295-08	B-3, S2, 2-4'	12/21/2016	2:15pm	S	TJM	✓	/	/	/	/					
09	B-1, S2, 2-4'	12/21/2016	2:25pm	S	TJM	✓	/	/	/	/					
10	B-2,	12/21/2016	2:35pm	S	TJM	✓	/	/	/	/					

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
Thomas J. Morgan	12/21/2016 14:50pm	Dave Hunt MCT	12/21/16 1450
Dave	12/21/16 1945	A. Hawkins	12-21-16 2115
H. Hawkins	12-22-16 0115		12/22/16 0115

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 12/20/16

ALPHA Job #: L1641295

Client Information
Client: CTMale
Address: 50 Century Hill Dr
Latham, NY
Phone: 518.786.7400
Fax: 518.786.7299
Email: s.bieber@ctmale.com

Project Information
Project Name: Cottage Place Gardens
Project Location: Yonkers, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8270	TAL Metals	Total Cn				Sample Specific Comments	Total Bottle
41295-01	B-8, 2-6'	12/20/2016	3:10pm	S	TJM	✓	—	—	✓	✓					
02	B-7, S3, 4-6'	12/20/2016	3:00pm	S	TJM	✓	—	—	—	—					
03	B-6, S2, 2-4'	12/20/2016	2:55pm	S	TJM	✓	—	—	—	—					
04	B-4, S2, 2-4'	12/20/2016	2:50pm	S	TJM	✓	—	—	—	—					

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
[illegible] J. Morgan	12/20/16 15:15	[illegible] Alpha	12/20/16 15:15
[illegible] NAlpha	12/20/16 1800	Tom Tobin	12-20-16 1800
Tom Tobin	12-20-16 2355	[illegible]	12/20/16 23:55

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab 12/20/16

ALPHA Job # L1641295

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Yonkers NY
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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: NA

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn				Sample Specific Comments
41295-01	B-11, S2, 2-4'	12/19/2016	2 Steps	Soil	TJM	✓	✓	✓	✓	✓				
02	B-5, S4, 0-2'	12/19/2016	3:00 p.m.	Soil	TJM	✓	✓	✓	✓	✓				
03	B-8, S6, 16-17'	12/19/2016	3:20 p.m.	Soil	TJM	✓	✓	✓	✓	✓				Hold

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

Total Bottles

Container Type	V	V	A	A	A					
Preservative	F		A	A	A					

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
[illegible]	12/19/2016 3:30 pm	Michael Zeller AAL	12/19/16 3:30
Michael Zeller/AAL	12/19/16 2:30	Tom Tobin	12-19-16 20:10
Tom Tobin	12-20-16 0015		12/20/16 0015

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.

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

ANALYTICAL REPORT

Lab Number:	L1706909
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG PHASE 4/5
Project Number:	16.6669
Report Date:	03/15/17

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1706909-01	GP01_0-5	SOIL	YONKERS, NY	03/06/17 12:05	03/06/17
L1706909-02	GP01_5-7.5	SOIL	YONKERS, NY	03/06/17 13:45	03/06/17
L1706909-03	GP02_0-5	SOIL	YONKERS, NY	03/07/17 08:30	03/07/17
L1706909-04	GP03_0-5	SOIL	YONKERS, NY	03/07/17 11:10	03/07/17
L1706909-05	178GP01_0-2.5	SOIL	YONKERS, NY	03/07/17 11:20	03/07/17
L1706909-06	178GP02_2.5-5	SOIL	YONKERS, NY	03/07/17 13:20	03/07/17
L1706909-07	178GP03_0-2.5	SOIL	YONKERS, NY	03/07/17 13:40	03/07/17
L1706909-08	178GP03_2.5-5	SOIL	YONKERS, NY	03/07/17 13:30	03/07/17
L1706909-09	178GP04_0-5	SOIL	YONKERS, NY	03/07/17 14:15	03/07/17

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909
Project Number: 16.6669 **Report Date:** 03/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG PHASE 4/5 **Lab Number:** L1706909
Project Number: 16.6669 **Report Date:** 03/15/17

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1706909-03, -04, -05, -06, -08 and -09: The water-preserved VOA vials for Volatile Organics Low-Level analysis were frozen on March 8, 2017 3:52.

Volatile Organics

L1706909-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1706909-05: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (53%), possibly due to the matrix effect caused by the high pH of the sample (>10).

The WG984851-5 Method Blank, associated with L1706909-01, -02, -06, and -08, has a concentration above the reporting limit for acetone. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG985009-5 Method Blank, associated with L1706909-03, has a concentration above the reporting limit for acetone. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics

L1706909-02 and -06: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1706909-02: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1706909-04: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (14%) and

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

Case Narrative (continued)

2,4,6-tribromophenol (4%); however, re-extraction achieved similar results: 2-fluorophenol (11%) and 2,4,6-tribromophenol (1%). The results of both extractions are reported.
L1706909-05: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (4%) and 2,4,6-tribromophenol (1%); however, re-extraction achieved similar results: 2-fluorophenol (2%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.
L1706909-06: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (15%) and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (13%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.

Metals
L1706909-01, -03, -04, -05, -06, -08 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
The WG983711-3 MS recovery for mercury (0%), performed on L1706909-03, does not apply because the sample concentration is greater than four times the spike amount added.
The WG983711-4 Laboratory Duplicate RPD, performed on L1706909-03, is outside the acceptance criteria for mercury (22%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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: Melissa Cripps

Title: Technical Director/Representative Date: 03/15/17

ORGANICS

VOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 15:36
Analyst: BD
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	370	41.	1
1,1-Dichloroethane	ND		ug/kg	56	3.2	1
Chloroform	ND		ug/kg	56	14.	1
Carbon tetrachloride	ND		ug/kg	37	7.8	1
1,2-Dichloropropane	ND		ug/kg	130	8.5	1
Dibromochloromethane	ND		ug/kg	37	5.7	1
1,1,2-Trichloroethane	ND		ug/kg	56	11.	1
Tetrachloroethene	ND		ug/kg	37	5.2	1
Chlorobenzene	ND		ug/kg	37	13.	1
Trichlorofluoromethane	ND		ug/kg	180	14.	1
1,2-Dichloroethane	ND		ug/kg	37	4.2	1
1,1,1-Trichloroethane	ND		ug/kg	37	4.1	1
Bromodichloromethane	ND		ug/kg	37	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	37	4.5	1
cis-1,3-Dichloropropene	ND		ug/kg	37	4.4	1
Bromoform	ND		ug/kg	150	8.8	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	3.7	1
Benzene	ND		ug/kg	37	4.4	1
Toluene	ND		ug/kg	56	7.2	1
Ethylbenzene	ND		ug/kg	37	4.7	1
Chloromethane	ND		ug/kg	180	11.	1
Bromomethane	ND		ug/kg	74	12.	1
Vinyl chloride	ND		ug/kg	74	4.4	1
Chloroethane	ND		ug/kg	74	12.	1
1,1-Dichloroethene	ND		ug/kg	37	9.7	1
trans-1,2-Dichloroethene	ND		ug/kg	56	7.9	1
Trichloroethene	ND		ug/kg	37	4.6	1
1,2-Dichlorobenzene	ND		ug/kg	180	5.7	1
1,3-Dichlorobenzene	ND		ug/kg	180	5.0	1
1,4-Dichlorobenzene	ND		ug/kg	180	5.1	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	74	3.1	1
p/m-Xylene	ND		ug/kg	74	13.	1
o-Xylene	ND		ug/kg	74	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	37	5.3	1
Styrene	ND		ug/kg	74	15.	1
Dichlorodifluoromethane	ND		ug/kg	370	7.1	1
Acetone	84	J	ug/kg	370	38.	1
Carbon disulfide	ND		ug/kg	370	41.	1
2-Butanone	ND		ug/kg	370	10.	1
4-Methyl-2-pentanone	ND		ug/kg	370	9.1	1
2-Hexanone	ND		ug/kg	370	25.	1
Bromochloromethane	ND		ug/kg	180	10.	1
1,2-Dibromoethane	ND		ug/kg	150	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	15.	1
Isopropylbenzene	ND		ug/kg	37	3.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	180	5.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	6.8	1
Methyl Acetate	960		ug/kg	740	10.	1
Cyclohexane	ND		ug/kg	740	5.4	1
1,4-Dioxane	ND		ug/kg	1500	540	1
Freon-113	ND		ug/kg	740	10.	1
Methyl cyclohexane	ND		ug/kg	150	5.7	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	7900	J	ug/kg			1
Unknown	721	J	ug/kg			1
Unknown Naphthalene	962	J	ug/kg			1
Unknown Aromatic	900	J	ug/kg			1
Unknown	894	J	ug/kg			1
Unknown	557	J	ug/kg			1
Unknown Aromatic	665	J	ug/kg			1
Unknown	814	J	ug/kg			1
Unknown Naphthalene	810	J	ug/kg			1
Unknown Naphthalene	856	J	ug/kg			1
Unknown Naphthalene	724	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:03
Analyst: BD
Percent Solids: 90%

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	1600	J	ug/kg	12000	1300	20
1,1-Dichloroethane	ND		ug/kg	1700	99.	20
Chloroform	ND		ug/kg	1700	430	20
Carbon tetrachloride	ND		ug/kg	1200	240	20
1,2-Dichloropropane	ND		ug/kg	4000	260	20
Dibromochloromethane	ND		ug/kg	1200	180	20
1,1,2-Trichloroethane	ND		ug/kg	1700	350	20
Tetrachloroethene	ND		ug/kg	1200	160	20
Chlorobenzene	ND		ug/kg	1200	400	20
Trichlorofluoromethane	ND		ug/kg	5800	450	20
1,2-Dichloroethane	ND		ug/kg	1200	130	20
1,1,1-Trichloroethane	ND		ug/kg	1200	130	20
Bromodichloromethane	ND		ug/kg	1200	200	20
trans-1,3-Dichloropropene	ND		ug/kg	1200	140	20
cis-1,3-Dichloropropene	ND		ug/kg	1200	140	20
Bromoform	ND		ug/kg	4600	270	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	1200	120	20
Benzene	ND		ug/kg	1200	140	20
Toluene	ND		ug/kg	1700	220	20
Ethylbenzene	260	J	ug/kg	1200	150	20
Chloromethane	ND		ug/kg	5800	340	20
Bromomethane	ND		ug/kg	2300	390	20
Vinyl chloride	ND		ug/kg	2300	140	20
Chloroethane	ND		ug/kg	2300	370	20
1,1-Dichloroethene	ND		ug/kg	1200	300	20
trans-1,2-Dichloroethene	ND		ug/kg	1700	240	20
Trichloroethene	ND		ug/kg	1200	140	20
1,2-Dichlorobenzene	ND		ug/kg	5800	180	20
1,3-Dichlorobenzene	ND		ug/kg	5800	160	20
1,4-Dichlorobenzene	ND		ug/kg	5800	160	20

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2300	98.	20
p/m-Xylene	ND		ug/kg	2300	410	20
o-Xylene	ND		ug/kg	2300	390	20
cis-1,2-Dichloroethene	ND		ug/kg	1200	160	20
Styrene	ND		ug/kg	2300	470	20
Dichlorodifluoromethane	ND		ug/kg	12000	220	20
Acetone	ND		ug/kg	12000	1200	20
Carbon disulfide	ND		ug/kg	12000	1300	20
2-Butanone	ND		ug/kg	12000	320	20
4-Methyl-2-pentanone	ND		ug/kg	12000	280	20
2-Hexanone	ND		ug/kg	12000	770	20
Bromochloromethane	ND		ug/kg	5800	320	20
1,2-Dibromoethane	ND		ug/kg	4600	200	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5800	460	20
Isopropylbenzene	440	J	ug/kg	1200	120	20
1,2,3-Trichlorobenzene	ND		ug/kg	5800	170	20
1,2,4-Trichlorobenzene	ND		ug/kg	5800	210	20
Methyl Acetate	ND		ug/kg	23000	310	20
Cyclohexane	ND		ug/kg	23000	170	20
1,4-Dioxane	ND		ug/kg	46000	17000	20
Freon-113	ND		ug/kg	23000	320	20
Methyl cyclohexane	ND		ug/kg	4600	180	20

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	975000	J	ug/kg			20
Unknown	82200	J	ug/kg			20
Unknown Naphthalene	72600	J	ug/kg			20
Unknown	75800	J	ug/kg			20
Unknown	95100	J	ug/kg			20
Unknown	85600	J	ug/kg			20
Unknown Naphthalene	121000	J	ug/kg			20
Unknown Aromatic	132000	J	ug/kg			20
Unknown Naphthalene	79500	J	ug/kg			20
Unknown	127000	J	ug/kg			20
Benzene, (1-methyl-1-butenyl)-	104000	NJ	ug/kg			20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 12:25
Analyst: BD
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	0.92	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.31	1
Carbon tetrachloride	ND		ug/kg	0.83	0.17	1
1,2-Dichloropropane	ND		ug/kg	2.9	0.19	1
Dibromochloromethane	ND		ug/kg	0.83	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	0.83	0.12	1
Chlorobenzene	ND		ug/kg	0.83	0.29	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.32	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.09	1
Bromodichloromethane	ND		ug/kg	0.83	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.10	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.08	1
Benzene	ND		ug/kg	0.83	0.10	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.83	0.10	1
Chloromethane	ND		ug/kg	4.2	0.24	1
Bromomethane	ND		ug/kg	1.7	0.28	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Trichloroethene	ND		ug/kg	0.83	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.11	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.29	1
o-Xylene	ND		ug/kg	1.7	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.12	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.16	1
Acetone	2.4	J	ug/kg	8.3	0.86	1
Carbon disulfide	ND		ug/kg	8.3	0.92	1
2-Butanone	ND		ug/kg	8.3	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	0.20	1
2-Hexanone	ND		ug/kg	8.3	0.55	1
Bromochloromethane	ND		ug/kg	4.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	3.3	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.33	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.15	1
Methyl Acetate	ND		ug/kg	17	0.22	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	33	12.	1
Freon-113	ND		ug/kg	17	0.23	1
Methyl cyclohexane	ND		ug/kg	3.3	0.13	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 13:17
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.96	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.96	0.13	1
Chlorobenzene	ND		ug/kg	0.96	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.37	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	0.11	1
Bromodichloromethane	ND		ug/kg	0.96	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.11	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	0.10	1
Benzene	ND		ug/kg	0.96	0.11	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.96	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.96	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.14	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.18	1
Acetone	59		ug/kg	9.6	1.0	1
Carbon disulfide	ND		ug/kg	9.6	1.0	1
2-Butanone	ND		ug/kg	9.6	0.26	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.23	1
2-Hexanone	ND		ug/kg	9.6	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.17	1
Methyl Acetate	ND		ug/kg	19	0.26	1
Cyclohexane	ND		ug/kg	19	0.14	1
1,4-Dioxane	ND		ug/kg	38	14.	1
Freon-113	ND		ug/kg	19	0.26	1
Methyl cyclohexane	ND		ug/kg	3.8	0.15	1

Tentatively Identified Compounds				
Total TIC Compounds	21.2	J	ug/kg	1
Unknown	3.82	J	ug/kg	1
Unknown	17.4	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	72		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 13:43
Analyst: BD
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	0.95	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.32	1
Carbon tetrachloride	ND		ug/kg	0.86	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.20	1
Dibromochloromethane	ND		ug/kg	0.86	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	ND		ug/kg	0.86	0.12	1
Chlorobenzene	ND		ug/kg	0.86	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.10	1
Bromodichloromethane	ND		ug/kg	0.86	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.10	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.09	1
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
Chloromethane	ND		ug/kg	4.3	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.86	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.3	0.12	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.30	1
o-Xylene	ND		ug/kg	1.7	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.12	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.16	1
Acetone	15		ug/kg	8.6	0.89	1
Carbon disulfide	2.2	J	ug/kg	8.6	0.95	1
2-Butanone	ND		ug/kg	8.6	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	0.21	1
2-Hexanone	ND		ug/kg	8.6	0.57	1
Bromochloromethane	ND		ug/kg	4.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	0.34	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	0.16	1
Methyl Acetate	ND		ug/kg	17	0.23	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	34	12.	1
Freon-113	ND		ug/kg	17	0.24	1
Methyl cyclohexane	ND		ug/kg	3.4	0.13	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**53**	Q	70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:29
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	520	57.	1
1,1-Dichloroethane	ND		ug/kg	78	4.4	1
Chloroform	ND		ug/kg	78	19.	1
Carbon tetrachloride	ND		ug/kg	52	11.	1
1,2-Dichloropropane	ND		ug/kg	180	12.	1
Dibromochloromethane	ND		ug/kg	52	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	78	16.	1
Tetrachloroethene	ND		ug/kg	52	7.3	1
Chlorobenzene	ND		ug/kg	52	18.	1
Trichlorofluoromethane	ND		ug/kg	260	20.	1
1,2-Dichloroethane	ND		ug/kg	52	5.9	1
1,1,1-Trichloroethane	ND		ug/kg	52	5.8	1
Bromodichloromethane	ND		ug/kg	52	9.0	1
trans-1,3-Dichloropropene	ND		ug/kg	52	6.3	1
cis-1,3-Dichloropropene	ND		ug/kg	52	6.1	1
Bromoform	ND		ug/kg	210	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	5.2	1
Benzene	25	J	ug/kg	52	6.1	1
Toluene	92		ug/kg	78	10.	1
Ethylbenzene	220		ug/kg	52	6.6	1
Chloromethane	ND		ug/kg	260	15.	1
Bromomethane	ND		ug/kg	100	18.	1
Vinyl chloride	ND		ug/kg	100	6.1	1
Chloroethane	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	52	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	11.	1
Trichloroethene	ND		ug/kg	52	6.5	1
1,2-Dichlorobenzene	ND		ug/kg	260	8.0	1
1,3-Dichlorobenzene	ND		ug/kg	260	7.0	1
1,4-Dichlorobenzene	ND		ug/kg	260	7.2	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	100	4.4	1
p/m-Xylene	440		ug/kg	100	18.	1
o-Xylene	170		ug/kg	100	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	7.4	1
Styrene	ND		ug/kg	100	21.	1
Dichlorodifluoromethane	ND		ug/kg	520	9.9	1
Acetone	ND		ug/kg	520	54.	1
Carbon disulfide	ND		ug/kg	520	57.	1
2-Butanone	ND		ug/kg	520	14.	1
4-Methyl-2-pentanone	ND		ug/kg	520	13.	1
2-Hexanone	ND		ug/kg	520	34.	1
Bromochloromethane	ND		ug/kg	260	14.	1
1,2-Dibromoethane	ND		ug/kg	210	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	20.	1
Isopropylbenzene	49	J	ug/kg	52	5.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	7.7	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	9.4	1
Methyl Acetate	140	J	ug/kg	1000	14.	1
Cyclohexane	ND		ug/kg	1000	7.6	1
1,4-Dioxane	ND		ug/kg	2100	750	1
Freon-113	ND		ug/kg	1000	14.	1
Methyl cyclohexane	260		ug/kg	210	8.0	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	5560	J	ug/kg			1
Unknown	584	J	ug/kg			1
Unknown Naphthalene	858	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	418	NJ	ug/kg			1
Unknown	687	J	ug/kg			1
Unknown Aromatic	508	J	ug/kg			1
Unknown	435	J	ug/kg			1
Unknown Naphthalene	426	J	ug/kg			1
Unknown Naphthalene	422	J	ug/kg			1
Unknown Aromatic	599	J	ug/kg			1
Unknown	618	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:55
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	210	4
1,1-Dichloroethane	ND		ug/kg	290	16.	4
Chloroform	ND		ug/kg	290	71.	4
Carbon tetrachloride	ND		ug/kg	190	40.	4
1,2-Dichloropropane	ND		ug/kg	680	44.	4
Dibromochloromethane	ND		ug/kg	190	30.	4
1,1,2-Trichloroethane	ND		ug/kg	290	59.	4
Tetrachloroethene	ND		ug/kg	190	27.	4
Chlorobenzene	ND		ug/kg	190	67.	4
Trichlorofluoromethane	ND		ug/kg	960	75.	4
1,2-Dichloroethane	ND		ug/kg	190	22.	4
1,1,1-Trichloroethane	ND		ug/kg	190	21.	4
Bromodichloromethane	ND		ug/kg	190	33.	4
trans-1,3-Dichloropropene	ND		ug/kg	190	23.	4
cis-1,3-Dichloropropene	ND		ug/kg	190	23.	4
Bromoform	ND		ug/kg	770	46.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	19.	4
Benzene	480		ug/kg	190	23.	4
Toluene	2800		ug/kg	290	38.	4
Ethylbenzene	9600		ug/kg	190	24.	4
Chloromethane	ND		ug/kg	960	57.	4
Bromomethane	ND		ug/kg	390	65.	4
Vinyl chloride	ND		ug/kg	390	23.	4
Chloroethane	ND		ug/kg	390	61.	4
1,1-Dichloroethene	ND		ug/kg	190	50.	4
trans-1,2-Dichloroethene	ND		ug/kg	290	41.	4
Trichloroethene	ND		ug/kg	190	24.	4
1,2-Dichlorobenzene	ND		ug/kg	960	30.	4
1,3-Dichlorobenzene	ND		ug/kg	960	26.	4
1,4-Dichlorobenzene	ND		ug/kg	960	27.	4

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	390	16.	4
p/m-Xylene	19000		ug/kg	390	68.	4
o-Xylene	4700		ug/kg	390	65.	4
cis-1,2-Dichloroethene	ND		ug/kg	190	28.	4
Styrene	ND		ug/kg	390	78.	4
Dichlorodifluoromethane	ND		ug/kg	1900	37.	4
Acetone	ND		ug/kg	1900	200	4
Carbon disulfide	ND		ug/kg	1900	210	4
2-Butanone	ND		ug/kg	1900	52.	4
4-Methyl-2-pentanone	ND		ug/kg	1900	47.	4
2-Hexanone	ND		ug/kg	1900	130	4
Bromochloromethane	ND		ug/kg	960	53.	4
1,2-Dibromoethane	ND		ug/kg	770	34.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	960	76.	4
Isopropylbenzene	2400		ug/kg	190	20.	4
1,2,3-Trichlorobenzene	ND		ug/kg	960	28.	4
1,2,4-Trichlorobenzene	ND		ug/kg	960	35.	4
Methyl Acetate	ND		ug/kg	3900	52.	4
Cyclohexane	ND		ug/kg	3900	28.	4
1,4-Dioxane	ND		ug/kg	7700	2800	4
Freon-113	ND		ug/kg	3900	53.	4
Methyl cyclohexane	5900		ug/kg	770	30.	4

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	138000	J	ug/kg			4
Unknown	25600	J	ug/kg			4
Unknown	8990	J	ug/kg			4
Unknown Benzene	15000	J	ug/kg			4
Unknown	13400	J	ug/kg			4
Unknown	17600	J	ug/kg			4
Unknown Benzene	10000	J	ug/kg			4
Unknown Benzene	12000	J	ug/kg			4
Unknown Aromatic	14000	J	ug/kg			4
Unknown Benzene	12100	J	ug/kg			4
Pentane, 2,3,4-trimethyl-	9710	NJ	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 14:09
Analyst: BD
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.0	0.99	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.08	1
Chloroform	ND		ug/kg	1.3	0.33	1
Carbon tetrachloride	ND		ug/kg	0.90	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.20	1
Dibromochloromethane	ND		ug/kg	0.90	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.27	1
Tetrachloroethene	ND		ug/kg	0.90	0.12	1
Chlorobenzene	ND		ug/kg	0.90	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.90	0.10	1
Bromodichloromethane	ND		ug/kg	0.90	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.90	0.10	1
Bromoform	ND		ug/kg	3.6	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.90	0.09	1
Benzene	2.7		ug/kg	0.90	0.10	1
Toluene	0.48	J	ug/kg	1.3	0.17	1
Ethylbenzene	1.5		ug/kg	0.90	0.11	1
Chloromethane	ND		ug/kg	4.5	0.26	1
Bromomethane	ND		ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.10	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Trichloroethene	ND		ug/kg	0.90	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.12	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	10		ug/kg	1.8	0.31	1
o-Xylene	0.37	J	ug/kg	1.8	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.13	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.17	1
Acetone	38		ug/kg	9.0	0.93	1
Carbon disulfide	ND		ug/kg	9.0	0.99	1
2-Butanone	ND		ug/kg	9.0	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	0.22	1
2-Hexanone	ND		ug/kg	9.0	0.60	1
Bromochloromethane	ND		ug/kg	4.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	0.35	1
Isopropylbenzene	8.8		ug/kg	0.90	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.16	1
Methyl Acetate	ND		ug/kg	18	0.24	1
Cyclohexane	ND		ug/kg	18	0.13	1
1,4-Dioxane	ND		ug/kg	36	13.	1
Freon-113	ND		ug/kg	18	0.24	1
Methyl cyclohexane	25		ug/kg	3.6	0.14	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	216	J	ug/kg			1
Unknown	15.9	J	ug/kg			1
Unknown Benzene	19.9	J	ug/kg			1
Unknown	30.3	J	ug/kg			1
Unknown Benzene	15.0	J	ug/kg			1
Unknown Aromatic	21.1	J	ug/kg			1
Unknown	14.4	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	17.2	NJ	ug/kg			1
Unknown	26.0	J	ug/kg			1
Pentane, 2-methyl-	16.9	NJ	ug/kg			1
Unknown Aromatic	39.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	93		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					
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
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
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	29	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					
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	18.
o-Xylene	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	560		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
Methyl Acetate	ND		ug/kg	1000	14.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	2000	720
Freon-113	ND		ug/kg	1000	14.
Methyl cyclohexane	ND		ug/kg	200	7.7

Tentatively Identified Compounds			
Total TIC Compounds	104	J	ug/kg
Unknown	104	J	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					
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
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
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.84	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	14		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds			
Total TIC Compounds	2.95	J	ug/kg
Unknown	2.95	J	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					
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
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
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
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	0.15	J	ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
Methylene chloride	106		102		70-130	4		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	104		105		70-130	1		30
Carbon tetrachloride	101		100		70-130	1		30
1,2-Dichloropropane	101		103		70-130	2		30
Dibromochloromethane	106		111		70-130	5		30
1,1,2-Trichloroethane	99		103		70-130	4		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	100		99		70-130	1		30
Trichlorofluoromethane	104		102		70-139	2		30
1,2-Dichloroethane	103		105		70-130	2		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	107		110		70-130	3		30
cis-1,3-Dichloropropene	108		110		70-130	2		30
Bromoform	96		99		70-130	3		30
1,1,2,2-Tetrachloroethane	96		100		70-130	4		30
Benzene	101		100		70-130	1		30
Toluene	97		96		70-130	1		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	105		101		52-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
Bromomethane	112		110		57-147	2		30
Vinyl chloride	105		106		67-130	1		30
Chloroethane	104		102		50-151	2		30
1,1-Dichloroethene	100		98		65-135	2		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	99		96		70-130	3		30
1,4-Dichlorobenzene	99		96		70-130	3		30
Methyl tert butyl ether	107		110		66-130	3		30
p/m-Xylene	97		96		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	96		96		30-146	0		30
Acetone	107		108		54-140	1		30
Carbon disulfide	80		80		59-130	0		30
2-Butanone	98		107		70-130	9		30
4-Methyl-2-pentanone	92		101		70-130	9		30
2-Hexanone	92		100		70-130	8		30
Bromochloromethane	104		107		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
1,2-Dibromoethane	98		104		70-130	6		30
1,2-Dibromo-3-chloropropane	92		101		68-130	9		30
Isopropylbenzene	96		92		70-130	4		30
1,2,3-Trichlorobenzene	101		99		70-130	2		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
Methyl Acetate	105		112		51-146	6		30
Cyclohexane	98		97		59-142	1		30
1,4-Dioxane	96		106		65-136	10		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		106		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	103		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
Methylene chloride	112		102		70-130	9		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	102		105		70-130	3		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	95		98		70-130	3		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	103		104		70-130	1		30
Toluene	95		94		70-130	1		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	108		102		52-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
Bromomethane	102		99		57-147	3		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	103		101		65-135	2		30
trans-1,2-Dichloroethene	103		102		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	90		92		70-130	2		30
Methyl tert butyl ether	110		110		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	127		104		54-140	20		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	80		87		70-130	8		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	**62**	Q	**63**	Q	70-130	2		30
Bromochloromethane	108		108		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	89		92		70-130	3		30
1,2,4-Trichlorobenzene	90		92		70-130	2		30
Methyl Acetate	102		101		51-146	1		30
Cyclohexane	101		100		59-142	1		30
1,4-Dioxane	89		93		65-136	4		30
Freon-113	103		100		50-139	3		30
Methyl cyclohexane	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
Methylene chloride	112		102		70-130	9		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	102		105		70-130	3		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	95		98		70-130	3		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	103		104		70-130	1		30
Toluene	95		94		70-130	1		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	108		102		52-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
Bromomethane	102		99		57-147	3		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	103		101		65-135	2		30
trans-1,2-Dichloroethene	103		102		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	90		92		70-130	2		30
Methyl tert butyl ether	110		110		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	127		104		54-140	20		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	80		87		70-130	8		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	**62**	Q	**63**	Q	70-130	2		30
Bromochloromethane	108		108		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	89		92		70-130	3		30
1,2,4-Trichlorobenzene	90		92		70-130	2		30
Methyl Acetate	102		101		51-146	1		30
Cyclohexane	101		100		59-142	1		30
1,4-Dioxane	89		93		65-136	4		30
Freon-113	103		100		50-139	3		30
Methyl cyclohexane	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 00:52
Analyst: CB
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	200	68.	1
Butyl benzyl phthalate	130	J	ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	190		ug/kg	120	22.	1
Benzo(a)pyrene	210		ug/kg	160	48.	1
Benzo(b)fluoranthene	350		ug/kg	120	33.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	220		ug/kg	120	20.	1
Acenaphthylene	50	J	ug/kg	160	30.	1
Anthracene	44	J	ug/kg	120	38.	1
Benzo(ghi)perylene	170		ug/kg	160	23.	1
Fluorene	21	J	ug/kg	200	19.	1
Phenanthrene	160		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	160	27.	1
Pyrene	370		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	60	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	27	J	ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	22	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	110	J	ug/kg	260	53.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	33500	J	ug/kg			1
Unknown	258	J	ug/kg			1
Unknown	2640	J	ug/kg			1
Unknown Alkane	5250	J	ug/kg			1
Unknown	3520	J	ug/kg			1
Unknown Naphthalene	161	J	ug/kg			1
Unknown Naphthalene	168	J	ug/kg			1
Unknown	3950	J	ug/kg			1
Unknown	1260	J	ug/kg			1
Unknown	1430	J	ug/kg			1
Unknown Alkane	480	J	ug/kg			1
Unknown	1160	J	ug/kg			1
Unknown	2160	J	ug/kg			1
Unknown	4800	J	ug/kg			1
Vitamin E	281	NJ	ug/kg			1
Unknown	3220	J	ug/kg			1
Unknown	515	J	ug/kg			1
Unknown	2270	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	75		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/13/17 04:24
Analyst: RC
Percent Solids: 90%

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3600	470	25
Hexachlorobenzene	ND		ug/kg	2700	510	25
Bis(2-chloroethyl)ether	ND		ug/kg	4100	620	25
2-Chloronaphthalene	ND		ug/kg	4500	450	25
3,3'-Dichlorobenzidine	ND		ug/kg	4500	1200	25
2,4-Dinitrotoluene	ND		ug/kg	4500	910	25
2,6-Dinitrotoluene	ND		ug/kg	4500	780	25
Fluoranthene	ND		ug/kg	2700	520	25
4-Chlorophenyl phenyl ether	ND		ug/kg	4500	490	25
4-Bromophenyl phenyl ether	ND		ug/kg	4500	690	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	5400	780	25
Bis(2-chloroethoxy)methane	ND		ug/kg	4900	460	25
Hexachlorobutadiene	ND		ug/kg	4500	660	25
Hexachlorocyclopentadiene	ND		ug/kg	13000	4100	25
Hexachloroethane	ND		ug/kg	3600	740	25
Isophorone	ND		ug/kg	4100	590	25
Naphthalene	ND		ug/kg	4500	550	25
Nitrobenzene	ND		ug/kg	4100	670	25
NDPA/DPA	ND		ug/kg	3600	520	25
n-Nitrosodi-n-propylamine	ND		ug/kg	4500	700	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4500	1600	25
Butyl benzyl phthalate	ND		ug/kg	4500	1100	25
Di-n-butylphthalate	ND		ug/kg	4500	860	25
Di-n-octylphthalate	ND		ug/kg	4500	1500	25
Diethyl phthalate	ND		ug/kg	4500	420	25
Dimethyl phthalate	ND		ug/kg	4500	950	25
Benzo(a)anthracene	ND		ug/kg	2700	510	25
Benzo(a)pyrene	ND		ug/kg	3600	1100	25
Benzo(b)fluoranthene	ND		ug/kg	2700	760	25
Benzo(k)fluoranthene	ND		ug/kg	2700	730	25

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	2700	470	25
Acenaphthylene	ND		ug/kg	3600	700	25
Anthracene	1000	J	ug/kg	2700	880	25
Benzo(ghi)perylene	ND		ug/kg	3600	530	25
Fluorene	ND		ug/kg	4500	440	25
Phenanthrene	14000		ug/kg	2700	550	25
Dibenzo(a,h)anthracene	ND		ug/kg	2700	520	25
Indeno(1,2,3-cd)pyrene	ND		ug/kg	3600	630	25
Pyrene	620	J	ug/kg	2700	450	25
Biphenyl	7000	J	ug/kg	10000	1000	25
4-Chloroaniline	ND		ug/kg	4500	830	25
2-Nitroaniline	ND		ug/kg	4500	880	25
3-Nitroaniline	ND		ug/kg	4500	860	25
4-Nitroaniline	ND		ug/kg	4500	1900	25
Dibenzofuran	ND		ug/kg	4500	430	25
2-Methylnaphthalene	17000		ug/kg	5400	550	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4500	470	25
Acetophenone	ND		ug/kg	4500	560	25
2,4,6-Trichlorophenol	ND		ug/kg	2700	860	25
p-Chloro-m-cresol	ND		ug/kg	4500	680	25
2-Chlorophenol	ND		ug/kg	4500	540	25
2,4-Dichlorophenol	ND		ug/kg	4100	730	25
2,4-Dimethylphenol	ND		ug/kg	4500	1500	25
2-Nitrophenol	ND		ug/kg	9800	1700	25
4-Nitrophenol	ND		ug/kg	6400	1800	25
2,4-Dinitrophenol	ND		ug/kg	22000	2100	25
4,6-Dinitro-o-cresol	ND		ug/kg	12000	2200	25
Pentachlorophenol	ND		ug/kg	3600	1000	25
Phenol	ND		ug/kg	4500	690	25
2-Methylphenol	ND		ug/kg	4500	700	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	6500	710	25
2,4,5-Trichlorophenol	ND		ug/kg	4500	870	25
Carbazole	ND		ug/kg	4500	440	25
Atrazine	ND		ug/kg	3600	1600	25
Benzaldehyde	ND		ug/kg	6000	1200	25
Caprolactam	ND		ug/kg	4500	1400	25
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4500	920	25

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	436000	J	ug/kg			25
Unknown Naphthalene	27400	J	ug/kg			25
Unknown Naphthalene	16900	J	ug/kg			25
Unknown Naphthalene	22800	J	ug/kg			25
Unknown	18600	J	ug/kg			25
Unknown Naphthalene	23700	J	ug/kg			25
Unknown Alkane	32200	J	ug/kg			25
Unknown Naphthalene	30300	J	ug/kg			25
Unknown Naphthalene	39800	J	ug/kg			25
Unknown Alkane	47900	J	ug/kg			25
Unknown Naphthalene	32700	J	ug/kg			25
Unknown Alkane	39900	J	ug/kg			25
Unknown	38800	J	ug/kg			25
Unknown Alkane	21000	J	ug/kg			25
Unknown Naphthalene	25500	J	ug/kg			25
Unknown	18100	J	ug/kg			25

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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 01:18
Analyst: CB
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	210		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	130		ug/kg	120	33.	1
Benzo(k)fluoranthene	48	J	ug/kg	120	31.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	98	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	39	J	ug/kg	120	38.	1
Benzo(ghi)perylene	60	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	150		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	66	J	ug/kg	150	27.	1
Pyrene	180		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	8350	J	ug/kg			1
Unknown	1080	J	ug/kg			1
Unknown	374	J	ug/kg			1
Unknown	843	J	ug/kg			1
Unknown	156	J	ug/kg			1
Unknown	275	J	ug/kg			1
Unknown	473	J	ug/kg			1
Unknown	2060	J	ug/kg			1
Unknown	2350	J	ug/kg			1
Unknown	161	J	ug/kg			1
Unknown	195	J	ug/kg			1
Unknown Alkane	385	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	82		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 01:44
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	150		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	180		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	82	J	ug/kg	110	21.	1
Benzo(a)pyrene	98	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	130		ug/kg	110	31.	1
Benzo(k)fluoranthene	43	J	ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	78	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	73	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	59	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	466	J	ug/kg			1
Unknown PAH	192	J	ug/kg			1
Unknown Amide	274	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	**4**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/12/17 21:17
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	81	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	53	J	ug/kg	110	21.	1
Benzo(a)pyrene	56	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	82	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	59	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	35	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	150	26.	1
Pyrene	81	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	557	J	ug/kg			1
Unknown	337	J	ug/kg			1
Unknown	220	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	48		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/09/17 23:59
Analyst: SZ
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	36	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	27	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	964	J	ug/kg			1
Unknown Amide	964	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	109		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	113		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/12/17 21:43
Analyst: SZ
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	35	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	27	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3180	J	ug/kg			1
Unknown	1450	J	ug/kg			1
Unknown	464	J	ug/kg			1
Unknown Amide	892	J	ug/kg			1
Unknown	228	J	ug/kg			1
Unknown	146	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**2**	Q	25-120
Phenol-d6	21		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	59		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 14:52
Analyst: RC
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	630		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	45.	1
Benzo(b)fluoranthene	1500		ug/kg	110	31.	1
Benzo(k)fluoranthene	540		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	1500		ug/kg	110	19.	1
Acenaphthylene	380		ug/kg	150	28.	1
Anthracene	1200		ug/kg	110	36.	1
Benzo(ghi)perylene	640		ug/kg	150	22.	1
Fluorene	970		ug/kg	180	18.	1
Phenanthrene	3900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	720		ug/kg	150	26.	1
Pyrene	3100		ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	520		ug/kg	180	17.	1
2-Methylnaphthalene	790		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	340		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	20100	J	ug/kg			1
Unknown PAH	577	J	ug/kg			1
Unknown PAH	608	J	ug/kg			1
Unknown	310	J	ug/kg			1
Unknown	334	J	ug/kg			1
Unknown	2590	J	ug/kg			1
Unknown Alkane	347	J	ug/kg			1
Unknown Thiophene	347	J	ug/kg			1
Unknown Alkane	411	J	ug/kg			1
Unknown Benzene	1470	J	ug/kg			1
Unknown Benzene	1320	J	ug/kg			1
Unknown Naphthalene	283	J	ug/kg			1
Unknown PAH	937	J	ug/kg			1
Unknown Naphthalene	488	J	ug/kg			1
Unknown	313	J	ug/kg			1
Unknown Benzene	266	J	ug/kg			1
Unknown Benzene	6230	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown Benzene	2290	J	ug/kg			1
Unknown Naphthalene	409	J	ug/kg			1
Unknown Naphthalene	280	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/14/17 05:49
Analyst: KV
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	360	J	ug/kg	750	97.	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	840	130	5
2-Chloronaphthalene	ND		ug/kg	940	93.	5
3,3'-Dichlorobenzidine	ND		ug/kg	940	250	5
2,4-Dinitrotoluene	ND		ug/kg	940	190	5
2,6-Dinitrotoluene	ND		ug/kg	940	160	5
Fluoranthene	1800		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	940	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	940	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	94.	5
Hexachlorobutadiene	ND		ug/kg	940	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	850	5
Hexachloroethane	ND		ug/kg	750	150	5
Isophorone	ND		ug/kg	840	120	5
Naphthalene	680	J	ug/kg	940	110	5
Nitrobenzene	ND		ug/kg	840	140	5
NDPA/DPA	ND		ug/kg	750	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	940	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	940	320	5
Butyl benzyl phthalate	ND		ug/kg	940	240	5
Di-n-butylphthalate	ND		ug/kg	940	180	5
Di-n-octylphthalate	ND		ug/kg	940	320	5
Diethyl phthalate	ND		ug/kg	940	86.	5
Dimethyl phthalate	ND		ug/kg	940	200	5
Benzo(a)anthracene	720		ug/kg	560	100	5
Benzo(a)pyrene	590	J	ug/kg	750	230	5
Benzo(b)fluoranthene	730		ug/kg	560	160	5
Benzo(k)fluoranthene	200	J	ug/kg	560	150	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	640		ug/kg	560	97.	5
Acenaphthylene	ND		ug/kg	750	140	5
Anthracene	530	J	ug/kg	560	180	5
Benzo(ghi)perylene	310	J	ug/kg	750	110	5
Fluorene	540	J	ug/kg	940	91.	5
Phenanthrene	1900		ug/kg	560	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	330	J	ug/kg	750	130	5
Pyrene	1500		ug/kg	560	93.	5
Biphenyl	ND		ug/kg	2100	220	5
4-Chloroaniline	ND		ug/kg	940	170	5
2-Nitroaniline	ND		ug/kg	940	180	5
3-Nitroaniline	ND		ug/kg	940	180	5
4-Nitroaniline	ND		ug/kg	940	390	5
Dibenzofuran	300	J	ug/kg	940	88.	5
2-Methylnaphthalene	490	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	940	98.	5
Acetophenone	ND		ug/kg	940	120	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	940	140	5
2-Chlorophenol	ND		ug/kg	940	110	5
2,4-Dichlorophenol	ND		ug/kg	840	150	5
2,4-Dimethylphenol	ND		ug/kg	940	310	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	750	200	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	150	5
2,4,5-Trichlorophenol	ND		ug/kg	940	180	5
Carbazole	190	J	ug/kg	940	91.	5
Atrazine	ND		ug/kg	750	330	5
Benzaldehyde	ND		ug/kg	1200	250	5
Caprolactam	ND		ug/kg	940	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	940	190	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**13**	Q	25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	38		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/15/17 15:21
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/14/17 10:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1400		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	660		ug/kg	110	21.	1
Benzo(a)pyrene	480		ug/kg	150	46.	1
Benzo(b)fluoranthene	620		ug/kg	110	32.	1
Benzo(k)fluoranthene	230		ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	600		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	340		ug/kg	110	36.	1
Benzo(ghi)perylene	240		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	150	26.	1
Pyrene	1100		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	1400		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	300		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9500	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown	503	J	ug/kg			1
Unknown Benzene	895	J	ug/kg			1
Unknown Naphthalene	225	J	ug/kg			1
Unknown	311	J	ug/kg			1
Unknown PAH	158	J	ug/kg			1
Unknown Benzene	189	J	ug/kg			1
Unknown Indene	316	J	ug/kg			1
Unknown PAH	327	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown Benzene	418	J	ug/kg			1
Unknown	395	J	ug/kg			1
Unknown	664	J	ug/kg			1
Unknown Benzene	1100	J	ug/kg			1
Unknown Naphthalene	255	J	ug/kg			1
Unknown	360	J	ug/kg			1
Unknown	751	J	ug/kg			1
Unknown Benzene	337	J	ug/kg			1
Unknown Naphthalene	203	J	ug/kg			1
Unknown	1470	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	62		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 15:43
Analyst: RC
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	71	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	79	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	200		ug/kg	110	21.	1
Benzo(a)pyrene	170		ug/kg	150	45.	1
Benzo(b)fluoranthene	230		ug/kg	110	31.	1
Benzo(k)fluoranthene	74	J	ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	200		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	28.	1
Anthracene	160		ug/kg	110	36.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	120	J	ug/kg	180	18.	1
Phenanthrene	500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	26.	1
Pyrene	430		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	62	J	ug/kg	180	18.	1
2-Methylnaphthalene	68	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	58	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	5460	J	ug/kg			1
Unknown Benzene	1480	J	ug/kg			1
Unknown Benzene	3980	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	67		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	69		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	75		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	85		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	103		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Acenaphthene	71		83		31-137	16		50
Hexachlorobenzene	73		87		40-140	18		50
Bis(2-chloroethyl)ether	65		74		40-140	13		50
2-Chloronaphthalene	74		86		40-140	15		50
3,3'-Dichlorobenzidine	50		56		40-140	11		50
2,4-Dinitrotoluene	73		86		40-132	16		50
2,6-Dinitrotoluene	86		101		40-140	16		50
Fluoranthene	77		91		40-140	17		50
4-Chlorophenyl phenyl ether	73		85		40-140	15		50
4-Bromophenyl phenyl ether	75		88		40-140	16		50
Bis(2-chloroisopropyl)ether	70		79		40-140	12		50
Bis(2-chloroethoxy)methane	73		84		40-117	14		50
Hexachlorobutadiene	66		78		40-140	17		50
Hexachlorocyclopentadiene	78		90		40-140	14		50
Hexachloroethane	66		78		40-140	17		50
Isophorone	74		89		40-140	18		50
Naphthalene	68		79		40-140	15		50
Nitrobenzene	71		84		40-140	17		50
NDPA/DPA	76		91		36-157	18		50
n-Nitrosodi-n-propylamine	74		86		32-121	15		50
Bis(2-ethylhexyl)phthalate	75		88		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Butyl benzyl phthalate	77		90		40-140	16		50
Di-n-butylphthalate	81		96		40-140	17		50
Di-n-octylphthalate	79		91		40-140	14		50
Diethyl phthalate	76		90		40-140	17		50
Dimethyl phthalate	80		94		40-140	16		50
Benzo(a)anthracene	74		87		40-140	16		50
Benzo(a)pyrene	77		90		40-140	16		50
Benzo(b)fluoranthene	76		90		40-140	17		50
Benzo(k)fluoranthene	75		87		40-140	15		50
Chrysene	71		83		40-140	16		50
Acenaphthylene	78		92		40-140	16		50
Anthracene	75		88		40-140	16		50
Benzo(ghi)perylene	72		85		40-140	17		50
Fluorene	74		88		40-140	17		50
Phenanthrene	72		85		40-140	17		50
Dibenzo(a,h)anthracene	72		85		40-140	17		50
Indeno(1,2,3-cd)pyrene	77		88		40-140	13		50
Pyrene	76		90		35-142	17		50
Biphenyl	75		89		54-104	17		50
4-Chloroaniline	46		49		40-140	6		50
2-Nitroaniline	83		100		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
3-Nitroaniline	62		72		26-129	15		50
4-Nitroaniline	75		88		41-125	16		50
Dibenzofuran	73		84		40-140	14		50
2-Methylnaphthalene	72		84		40-140	15		50
1,2,4,5-Tetrachlorobenzene	74		85		40-117	14		50
Acetophenone	74		86		14-144	15		50
2,4,6-Trichlorophenol	84		101		30-130	18		50
p-Chloro-m-cresol	82		98		26-103	18		50
2-Chlorophenol	73		86		25-102	16		50
2,4-Dichlorophenol	79		94		30-130	17		50
2,4-Dimethylphenol	84		97		30-130	14		50
2-Nitrophenol	79		93		30-130	16		50
4-Nitrophenol	73		84		11-114	14		50
2,4-Dinitrophenol	20		22		4-130	10		50
4,6-Dinitro-o-cresol	63		74		10-130	16		50
Pentachlorophenol	65		77		17-109	17		50
Phenol	70		82		26-90	16		50
2-Methylphenol	74		87		30-130.	16		50
3-Methylphenol/4-Methylphenol	75		89		30-130	17		50
2,4,5-Trichlorophenol	86		104		30-130	19		50
Carbazole	75		88		54-128	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Atrazine	86		101		40-140	16		50
Benzaldehyde	61		70		40-140	14		50
Caprolactam	88		105		15-130	18		50
2,3,4,6-Tetrachlorophenol	76		92		40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		77		25-120
Phenol-d6	70		80		10-120
Nitrobenzene-d5	69		78		23-120
2-Fluorobiphenyl	69		79		30-120
2,4,6-Tribromophenol	75		88		10-136
4-Terphenyl-d14	71		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Acenaphthene	80		80		31-137	0		50
Hexachlorobenzene	70		70		40-140	0		50
Bis(2-chloroethyl)ether	86		86		40-140	0		50
2-Chloronaphthalene	79		81		40-140	3		50
3,3'-Dichlorobenzidine	52		51		40-140	2		50
2,4-Dinitrotoluene	92		92		40-132	0		50
2,6-Dinitrotoluene	100		97		40-140	3		50
Fluoranthene	84		82		40-140	2		50
4-Chlorophenyl phenyl ether	76		75		40-140	1		50
4-Bromophenyl phenyl ether	72		72		40-140	0		50
Bis(2-chloroisopropyl)ether	95		96		40-140	1		50
Bis(2-chloroethoxy)methane	88		90		40-117	2		50
Hexachlorobutadiene	70		68		40-140	3		50
Hexachlorocyclopentadiene	69		68		40-140	1		50
Hexachloroethane	82		82		40-140	0		50
Isophorone	90		91		40-140	1		50
Naphthalene	77		77		40-140	0		50
Nitrobenzene	100		102		40-140	2		50
NDPA/DPA	82		82		36-157	0		50
n-Nitrosodi-n-propylamine	92		94		32-121	2		50
Bis(2-ethylhexyl)phthalate	98		96		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Butyl benzyl phthalate	95		89		40-140	7		50
Di-n-butylphthalate	93		91		40-140	2		50
Di-n-octylphthalate	100		96		40-140	4		50
Diethyl phthalate	85		84		40-140	1		50
Dimethyl phthalate	83		82		40-140	1		50
Benzo(a)anthracene	81		80		40-140	1		50
Benzo(a)pyrene	78		76		40-140	3		50
Benzo(b)fluoranthene	77		75		40-140	3		50
Benzo(k)fluoranthene	78		76		40-140	3		50
Chrysene	78		76		40-140	3		50
Acenaphthylene	87		87		40-140	0		50
Anthracene	86		84		40-140	2		50
Benzo(ghi)perylene	74		74		40-140	0		50
Fluorene	83		82		40-140	1		50
Phenanthrene	84		81		40-140	4		50
Dibenzo(a,h)anthracene	73		72		40-140	1		50
Indeno(1,2,3-cd)pyrene	74		74		40-140	0		50
Pyrene	84		81		35-142	4		50
Biphenyl	83		82		54-104	1		50
4-Chloroaniline	89		88		40-140	1		50
2-Nitroaniline	102		100		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
3-Nitroaniline	70		67		26-129	4		50
4-Nitroaniline	91		89		41-125	2		50
Dibenzofuran	81		80		40-140	1		50
2-Methylnaphthalene	82		82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	72		72		40-117	0		50
Acetophenone	84		86		14-144	2		50
2,4,6-Trichlorophenol	84		84		30-130	0		50
p-Chloro-m-cresol	92		91		26-103	1		50
2-Chlorophenol	84		84		25-102	0		50
2,4-Dichlorophenol	88		90		30-130	2		50
2,4-Dimethylphenol	97		99		30-130	2		50
2-Nitrophenol	93		96		30-130	3		50
4-Nitrophenol	**125**	Q	**122**	Q	11-114	2		50
2,4-Dinitrophenol	77		73		4-130	5		50
4,6-Dinitro-o-cresol	94		93		10-130	1		50
Pentachlorophenol	70		67		17-109	4		50
Phenol	85		86		26-90	1		50
2-Methylphenol	92		94		30-130.	2		50
3-Methylphenol/4-Methylphenol	98		100		30-130	2		50
2,4,5-Trichlorophenol	85		83		30-130	2		50
Carbazole	87		84		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Atrazine	82		80		40-140	2		50
Benzaldehyde	68		68		40-140	0		50
Caprolactam	116		114		15-130	2		50
2,3,4,6-Tetrachlorophenol	75		73		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		83		25-120
Phenol-d6	90		89		10-120
Nitrobenzene-d5	96		94		23-120
2-Fluorobiphenyl	75		73		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	71		66		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Acenaphthene	64		57		31-137	12		50
Hexachlorobenzene	68		60		40-140	13		50
Bis(2-chloroethyl)ether	67		60		40-140	11		50
2-Chloronaphthalene	70		62		40-140	12		50
3,3'-Dichlorobenzidine	**36**	Q	**33**	Q	40-140	9		50
2,4-Dinitrotoluene	73		63		40-132	15		50
2,6-Dinitrotoluene	84		72		40-140	15		50
Fluoranthene	73		62		40-140	16		50
4-Chlorophenyl phenyl ether	68		60		40-140	13		50
4-Bromophenyl phenyl ether	69		60		40-140	14		50
Bis(2-chloroisopropyl)ether	66		61		40-140	8		50
Bis(2-chloroethoxy)methane	72		66		40-117	9		50
Hexachlorobutadiene	63		57		40-140	10		50
Hexachlorocyclopentadiene	74		65		40-140	13		50
Hexachloroethane	67		63		40-140	6		50
Isophorone	74		68		40-140	8		50
Naphthalene	64		58		40-140	10		50
Nitrobenzene	73		68		40-140	7		50
NDPA/DPA	72		62		36-157	15		50
n-Nitrosodi-n-propylamine	74		68		32-121	8		50
Bis(2-ethylhexyl)phthalate	69		59		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Butyl benzyl phthalate	73		62		40-140	16		50
Di-n-butylphthalate	75		63		40-140	17		50
Di-n-octylphthalate	73		63		40-140	15		50
Diethyl phthalate	70		60		40-140	15		50
Dimethyl phthalate	75		65		40-140	14		50
Benzo(a)anthracene	69		61		40-140	12		50
Benzo(a)pyrene	73		64		40-140	13		50
Benzo(b)fluoranthene	74		65		40-140	13		50
Benzo(k)fluoranthene	69		60		40-140	14		50
Chrysene	65		57		40-140	13		50
Acenaphthylene	78		68		40-140	14		50
Anthracene	71		61		40-140	15		50
Benzo(ghi)perylene	69		61		40-140	12		50
Fluorene	69		61		40-140	12		50
Phenanthrene	68		58		40-140	16		50
Dibenzo(a,h)anthracene	69		61		40-140	12		50
Indeno(1,2,3-cd)pyrene	72		63		40-140	13		50
Pyrene	72		61		35-142	17		50
Biphenyl	72		63		54-104	13		50
4-Chloroaniline	**36**	Q	**32**	Q	40-140	12		50
2-Nitroaniline	81		72		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
3-Nitroaniline	51		48		26-129	6		50
4-Nitroaniline	71		60		41-125	17		50
Dibenzofuran	67		59		40-140	13		50
2-Methylnaphthalene	70		62		40-140	12		50
1,2,4,5-Tetrachlorobenzene	69		61		40-117	12		50
Acetophenone	74		69		14-144	7		50
2,4,6-Trichlorophenol	84		74		30-130	13		50
p-Chloro-m-cresol	79		71		26-103	11		50
2-Chlorophenol	75		68		25-102	10		50
2,4-Dichlorophenol	80		74		30-130	8		50
2,4-Dimethylphenol	82		76		30-130	8		50
2-Nitrophenol	85		76		30-130	11		50
4-Nitrophenol	78		67		11-114	15		50
2,4-Dinitrophenol	62		54		4-130	14		50
4,6-Dinitro-o-cresol	78		66		10-130	17		50
Pentachlorophenol	66		56		17-109	16		50
Phenol	71		65		26-90	9		50
2-Methylphenol	74		69		30-130.	7		50
3-Methylphenol/4-Methylphenol	78		71		30-130	9		50
2,4,5-Trichlorophenol	84		73		30-130	14		50
Carbazole	71		60		54-128	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Atrazine	74		63		40-140	16		50
Benzaldehyde	60		56		40-140	7		50
Caprolactam	85		74		15-130	14		50
2,3,4,6-Tetrachlorophenol	75		66		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		64		25-120
Phenol-d6	72		65		10-120
Nitrobenzene-d5	71		64		23-120
2-Fluorobiphenyl	65		58		30-120
2,4,6-Tribromophenol	76		65		10-136
4-Terphenyl-d14	66		56		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Acenaphthene	81		78		31-137	4		50
Hexachlorobenzene	98		93		40-140	5		50
Bis(2-chloroethyl)ether	80		77		40-140	4		50
2-Chloronaphthalene	93		90		40-140	3		50
3,3'-Dichlorobenzidine	48		50		40-140	4		50
2,4-Dinitrotoluene	100		96		40-132	4		50
2,6-Dinitrotoluene	99		96		40-140	3		50
Fluoranthene	93		85		40-140	9		50
4-Chlorophenyl phenyl ether	91		86		40-140	6		50
4-Bromophenyl phenyl ether	89		87		40-140	2		50
Bis(2-chloroisopropyl)ether	57		55		40-140	4		50
Bis(2-chloroethoxy)methane	82		78		40-117	5		50
Hexachlorobutadiene	84		83		40-140	1		50
Hexachlorocyclopentadiene	96		94		40-140	2		50
Hexachloroethane	81		78		40-140	4		50
Isophorone	80		76		40-140	5		50
Naphthalene	85		83		40-140	2		50
Nitrobenzene	83		79		40-140	5		50
NDPA/DPA	93		88		36-157	6		50
n-Nitrosodi-n-propylamine	77		74		32-121	4		50
Bis(2-ethylhexyl)phthalate	103		97		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Butyl benzyl phthalate	101		92		40-140	9		50
Di-n-butylphthalate	96		89		40-140	8		50
Di-n-octylphthalate	109		102		40-140	7		50
Diethyl phthalate	91		87		40-140	4		50
Dimethyl phthalate	94		88		40-140	7		50
Benzo(a)anthracene	91		86		40-140	6		50
Benzo(a)pyrene	103		95		40-140	8		50
Benzo(b)fluoranthene	102		95		40-140	7		50
Benzo(k)fluoranthene	100		95		40-140	5		50
Chrysene	91		86		40-140	6		50
Acenaphthylene	96		92		40-140	4		50
Anthracene	95		88		40-140	8		50
Benzo(ghi)perylene	96		91		40-140	5		50
Fluorene	92		86		40-140	7		50
Phenanthrene	93		86		40-140	8		50
Dibenzo(a,h)anthracene	99		94		40-140	5		50
Indeno(1,2,3-cd)pyrene	97		91		40-140	6		50
Pyrene	93		85		35-142	9		50
Biphenyl	102		98		54-104	4		50
4-Chloroaniline	42		45		40-140	7		50
2-Nitroaniline	102		98		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
3-Nitroaniline	69		68		26-129	1		50
4-Nitroaniline	96		89		41-125	8		50
Dibenzofuran	92		88		40-140	4		50
2-Methylnaphthalene	90		86		40-140	5		50
1,2,4,5-Tetrachlorobenzene	87		84		40-117	4		50
Acetophenone	99		94		14-144	5		50
2,4,6-Trichlorophenol	98		94		30-130	4		50
p-Chloro-m-cresol	96		92		26-103	4		50
2-Chlorophenol	90		87		25-102	3		50
2,4-Dichlorophenol	96		91		30-130	5		50
2,4-Dimethylphenol	97		94		30-130	3		50
2-Nitrophenol	94		93		30-130	1		50
4-Nitrophenol	91		87		11-114	4		50
2,4-Dinitrophenol	68		59		4-130	14		50
4,6-Dinitro-o-cresol	91		89		10-130	2		50
Pentachlorophenol	83		82		17-109	1		50
Phenol	86		83		26-90	4		50
2-Methylphenol	90		87		30-130.	3		50
3-Methylphenol/4-Methylphenol	92		88		30-130	4		50
2,4,5-Trichlorophenol	102		96		30-130	6		50
Carbazole	94		87		54-128	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Atrazine	102		95		40-140	7		50
Benzaldehyde	74		68		40-140	8		50
Caprolactam	73		70		15-130	4		50
2,3,4,6-Tetrachlorophenol	91		88		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		83		25-120
Phenol-d6	85		83		10-120
Nitrobenzene-d5	75		73		23-120
2-Fluorobiphenyl	86		81		30-120
2,4,6-Tribromophenol	97		93		10-136
4-Terphenyl-d14	87		81		18-120

PCBS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-01	Date Collected:	03/06/17 12:05
Client ID:	GP01_0-5	Date Received:	03/06/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 18:45	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	83%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	3.15	1	A
Aroclor 1221	ND		ug/kg	39.9	3.68	1	A
Aroclor 1232	ND		ug/kg	39.9	4.67	1	A
Aroclor 1242	ND		ug/kg	39.9	4.88	1	A
Aroclor 1248	ND		ug/kg	39.9	3.36	1	A
Aroclor 1254	33.8	J	ug/kg	39.9	3.28	1	A
Aroclor 1260	44.5		ug/kg	39.9	3.04	1	A
Aroclor 1262	ND		ug/kg	39.9	1.98	1	A
Aroclor 1268	ND		ug/kg	39.9	5.78	1	A
PCBs, Total	78.3	J	ug/kg	39.9	1.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/10/17 18:58
Analyst: JW
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.05	1	A
Aroclor 1221	ND		ug/kg	38.6	3.56	1	A
Aroclor 1232	ND		ug/kg	38.6	4.52	1	A
Aroclor 1242	ND		ug/kg	38.6	4.72	1	A
Aroclor 1248	ND		ug/kg	38.6	3.26	1	A
Aroclor 1254	ND		ug/kg	38.6	3.17	1	A
Aroclor 1260	ND		ug/kg	38.6	2.94	1	A
Aroclor 1262	ND		ug/kg	38.6	1.91	1	A
Aroclor 1268	ND		ug/kg	38.6	5.60	1	A
PCBs, Total	ND		ug/kg	38.6	1.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/10/17 19:10
Analyst: JW
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	2.96	1	A
Aroclor 1221	ND		ug/kg	37.5	3.46	1	A
Aroclor 1232	ND		ug/kg	37.5	4.40	1	A
Aroclor 1242	ND		ug/kg	37.5	4.60	1	A
Aroclor 1248	ND		ug/kg	37.5	3.17	1	A
Aroclor 1254	ND		ug/kg	37.5	3.09	1	A
Aroclor 1260	28.9	J	ug/kg	37.5	2.86	1	A
Aroclor 1262	ND		ug/kg	37.5	1.86	1	A
Aroclor 1268	ND		ug/kg	37.5	5.44	1	A
PCBs, Total	28.9	J	ug/kg	37.5	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-05	Date Collected:	03/07/17 11:20
Client ID:	178GP01_0-2.5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:22	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	2.74	1	A
Aroclor 1221	ND		ug/kg	34.8	3.20	1	A
Aroclor 1232	ND		ug/kg	34.8	4.07	1	A
Aroclor 1242	ND		ug/kg	34.8	4.25	1	A
Aroclor 1248	ND		ug/kg	34.8	2.93	1	A
Aroclor 1254	ND		ug/kg	34.8	2.86	1	A
Aroclor 1260	7.75	J	ug/kg	34.8	2.65	1	B
Aroclor 1262	ND		ug/kg	34.8	1.72	1	A
Aroclor 1268	ND		ug/kg	34.8	5.04	1	A
PCBs, Total	7.75	J	ug/kg	34.8	2.65	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-06	Date Collected:	03/07/17 13:20
Client ID:	178GP02_2.5-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:35	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	2.97	1	A
Aroclor 1221	ND		ug/kg	37.6	3.46	1	A
Aroclor 1232	ND		ug/kg	37.6	4.40	1	A
Aroclor 1242	37.7		ug/kg	37.6	4.60	1	B
Aroclor 1248	ND		ug/kg	37.6	3.17	1	A
Aroclor 1254	29.2	J	ug/kg	37.6	3.09	1	B
Aroclor 1260	14.5	J	ug/kg	37.6	2.86	1	B
Aroclor 1262	ND		ug/kg	37.6	1.86	1	A
Aroclor 1268	ND		ug/kg	37.6	5.44	1	A
PCBs, Total	81.4	J	ug/kg	37.6	2.86	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-08	Date Collected:	03/07/17 13:30
Client ID:	178GP03_2.5-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:47	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	2.84	1	A
Aroclor 1221	ND		ug/kg	36.0	3.32	1	A
Aroclor 1232	ND		ug/kg	36.0	4.22	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	3.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.96	1	A
Aroclor 1260	7.56	J	ug/kg	36.0	2.74	1	A
Aroclor 1262	ND		ug/kg	36.0	1.78	1	A
Aroclor 1268	ND		ug/kg	36.0	5.22	1	A
PCBs, Total	7.56	J	ug/kg	36.0	1.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-09	Date Collected:	03/07/17 14:15
Client ID:	178GP04_0-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 20:00	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	2.89	1	A
Aroclor 1221	ND		ug/kg	36.6	3.37	1	A
Aroclor 1232	ND		ug/kg	36.6	4.29	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	3.09	1	A
Aroclor 1254	ND		ug/kg	36.6	3.01	1	A
Aroclor 1260	ND		ug/kg	36.6	2.79	1	A
Aroclor 1262	ND		ug/kg	36.6	1.81	1	A
Aroclor 1268	ND		ug/kg	36.6	5.30	1	A
PCBs, Total	ND		ug/kg	36.6	1.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/09/17 22:50
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG984026-1						
Aroclor 1016	ND		ug/kg	31.8	2.51	A
Aroclor 1221	ND		ug/kg	31.8	2.93	A
Aroclor 1232	ND		ug/kg	31.8	3.72	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	2.68	A
Aroclor 1254	ND		ug/kg	31.8	2.61	A
Aroclor 1260	ND		ug/kg	31.8	2.42	A
Aroclor 1262	ND		ug/kg	31.8	1.58	A
Aroclor 1268	ND		ug/kg	31.8	4.61	A
PCBs, Total	ND		ug/kg	31.8	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG984026-2 WG984026-3									
Aroclor 1016	76		82		40-140	8		50	A
Aroclor 1260	80		89		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		81		30-150	A
Decachlorobiphenyl	68		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		85		30-150	B
Decachlorobiphenyl	57		64		30-150	B

PESTICIDES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 00:08
Analyst: RL
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.815	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	ND		ug/kg	1.16	0.582	1	A
4,4'-DDE	22.0		ug/kg	1.86	0.431	1	A
4,4'-DDD	0.927	J	ug/kg	1.86	0.664	1	A
4,4'-DDT	44.5		ug/kg	3.49	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.370	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.78	1	A
cis-Chlordane	ND		ug/kg	2.33	0.649	1	A
trans-Chlordane	1.76	JPI	ug/kg	2.33	0.615	1	A
Chlordane	ND		ug/kg	15.1	6.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 00:24
Analyst: AM
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	2.93	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	313	E	ug/kg	1.82	0.420	1	B
4,4'-DDD	4.15		ug/kg	1.82	0.647	1	A
4,4'-DDT	238	E	ug/kg	3.40	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	1.92	JPI	ug/kg	2.27	0.632	1	B
trans-Chlordane	2.48	PI	ug/kg	2.27	0.599	1	A
Chlordane	37.0	P	ug/kg	14.8	6.01	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-03	D	Date Collected:	03/07/17 08:30
Client ID:	GP02_0-5		Date Received:	03/07/17
Sample Location:	YONKERS, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081B		Extraction Date:	03/08/17 23:29
Analytical Date:	03/13/17 23:24		Cleanup Method:	EPA 3620B
Analyst:	AM		Cleanup Date:	03/09/17
Percent Solids:	85%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	293		ug/kg	9.08	2.10	5	B
4,4'-DDT	231		ug/kg	17.0	7.30	5	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:13
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	11.1		ug/kg	1.10	0.553	1	B
4,4'-DDE	65.0		ug/kg	1.77	0.409	1	A
4,4'-DDD	2.03		ug/kg	1.77	0.631	1	B
4,4'-DDT	232	E	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	6.77	PI	ug/kg	2.21	0.616	1	B
trans-Chlordane	8.96	PI	ug/kg	2.21	0.584	1	A
Chlordane	105	P	ug/kg	14.4	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-04	D	Date Collected:	03/07/17 11:10
Client ID:	GP03_0-5		Date Received:	03/07/17
Sample Location:	YONKERS, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081B		Extraction Date:	03/08/17 23:29
Analytical Date:	03/15/17 14:00		Cleanup Method:	EPA 3620B
Analyst:	RL		Cleanup Date:	03/09/17
Percent Solids:	88%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	234		ug/kg	16.6	7.11	5	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 21:27
Analyst: RL
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	1.25	J	ug/kg	1.72	0.399	1	B
4,4'-DDD	ND		ug/kg	1.72	0.615	1	B
4,4'-DDT	ND		ug/kg	3.23	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.569	1	A
Chlordane	ND		ug/kg	14.0	5.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	114		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:28
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	1.17	P	ug/kg	0.876	0.393	1	B
Aldrin	1.16	J	ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND	PI	ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	1.38		ug/kg	1.09	0.547	1	B
4,4'-DDE	1.17	JPI	ug/kg	1.75	0.405	1	B
4,4'-DDD	1.15	J	ug/kg	1.75	0.625	1	B
4,4'-DDT	3.31	P	ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	1.50	J	ug/kg	2.19	0.610	1	A
trans-Chlordane	2.40	PI	ug/kg	2.19	0.578	1	A
Chlordane	51.9		ug/kg	14.2	5.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:44
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	0.752	JPI	ug/kg	1.11	0.555	1	A
4,4'-DDE	10.8	P	ug/kg	1.78	0.411	1	A
4,4'-DDD	3.51	PI	ug/kg	1.78	0.634	1	B
4,4'-DDT	2.97	J	ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	14.8	P	ug/kg	2.22	0.619	1	B
trans-Chlordane	7.35	PI	ug/kg	2.22	0.586	1	A
Chlordane	58.8	PI	ug/kg	14.4	5.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:59
Analyst: RL
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	5.37		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	26.7		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	1.30	J	ug/kg	2.18	0.606	1	B
trans-Chlordane	2.16	J	ug/kg	2.18	0.574	1	B
Chlordane	27.7		ug/kg	14.1	5.77	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	46		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/10/17 13:13
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 03/08/17 13:00
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983783-1						
Delta-BHC	ND		ug/kg	1.54	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.773	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.6	5.12	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/10/17 13:13
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 03/08/17 13:00
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983783-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	84		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983783-2 WG983783-3									
Delta-BHC	90		94		30-150	4		30	A
Lindane	96		98		30-150	2		30	A
Alpha-BHC	93		94		30-150	1		30	A
Beta-BHC	106		109		30-150	3		30	A
Heptachlor	92		95		30-150	3		30	A
Aldrin	96		99		30-150	3		30	A
Heptachlor epoxide	98		99		30-150	1		30	A
Endrin	99		98		30-150	1		30	A
Endrin aldehyde	82		82		30-150	0		30	A
Endrin ketone	98		95		30-150	3		30	A
Dieldrin	103		103		30-150	0		30	A
4,4'-DDE	93		93		30-150	0		30	A
4,4'-DDD	92		91		30-150	1		30	A
4,4'-DDT	98		97		30-150	1		30	A
Endosulfan I	99		99		30-150	0		30	A
Endosulfan II	99		99		30-150	0		30	A
Endosulfan sulfate	95		94		30-150	1		30	A
Methoxychlor	104		103		30-150	1		30	A
cis-Chlordane	93		94		30-150	1		30	A
trans-Chlordane	98		98		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983783-2 WG983783-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		101		30-150	B
Decachlorobiphenyl	114		111		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		90		30-150	A
Decachlorobiphenyl	81		80		30-150	A

METALS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5200		mg/kg	9.3	2.5	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Antimony, Total	0.89	J	mg/kg	4.6	0.35	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Arsenic, Total	7.2		mg/kg	0.93	0.19	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Barium, Total	220		mg/kg	0.93	0.16	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.17	J	mg/kg	0.46	0.03	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Cadmium, Total	0.56	J	mg/kg	0.93	0.09	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Calcium, Total	12000		mg/kg	9.3	3.2	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.93	0.09	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Cobalt, Total	4.1		mg/kg	1.8	0.15	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Copper, Total	27		mg/kg	0.93	0.24	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Iron, Total	11000		mg/kg	4.6	0.84	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Lead, Total	970		mg/kg	4.6	0.25	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Magnesium, Total	2800		mg/kg	9.3	1.4	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Manganese, Total	230		mg/kg	0.93	0.15	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.38		mg/kg	0.08	0.02	1	03/07/17 09:10	03/07/17 14:46	EPA 7471B	1,7471B	BV
Nickel, Total	11		mg/kg	2.3	0.22	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	230	13.	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.68	J	mg/kg	1.8	0.24	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.93	0.26	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Sodium, Total	200		mg/kg	180	2.9	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.29	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.93	0.19	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Zinc, Total	360		mg/kg	4.6	0.27	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	9.1	2.5	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Antimony, Total	1.5	J	mg/kg	4.6	0.35	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Arsenic, Total	7.4		mg/kg	0.91	0.19	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Barium, Total	250		mg/kg	0.91	0.16	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Beryllium, Total	0.31	J	mg/kg	0.46	0.03	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Cadmium, Total	0.50	J	mg/kg	0.91	0.09	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Calcium, Total	1600		mg/kg	9.1	3.2	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Chromium, Total	25		mg/kg	0.91	0.09	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Cobalt, Total	4.6		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Copper, Total	39		mg/kg	0.91	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Iron, Total	11000		mg/kg	4.6	0.82	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Lead, Total	860		mg/kg	4.6	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Magnesium, Total	1600		mg/kg	9.1	1.4	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Manganese, Total	310		mg/kg	0.91	0.14	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Mercury, Total	1.2		mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:46	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.3	0.22	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Potassium, Total	440		mg/kg	230	13.	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Selenium, Total	0.51	J	mg/kg	1.8	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.91	0.26	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Sodium, Total	76	J	mg/kg	180	2.9	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.91	0.18	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Zinc, Total	280		mg/kg	4.6	0.27	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5400		mg/kg	8.7	2.4	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Antimony, Total	1.8	J	mg/kg	4.4	0.33	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Arsenic, Total	3.8		mg/kg	0.87	0.18	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Barium, Total	200		mg/kg	0.87	0.15	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Beryllium, Total	0.20	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Cadmium, Total	0.44	J	mg/kg	0.87	0.09	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Calcium, Total	56000		mg/kg	8.7	3.0	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.87	0.08	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Cobalt, Total	2.6		mg/kg	1.7	0.14	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Copper, Total	16		mg/kg	0.87	0.22	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Iron, Total	10000		mg/kg	4.4	0.79	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Lead, Total	550		mg/kg	4.4	0.23	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Magnesium, Total	14000		mg/kg	8.7	1.3	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Manganese, Total	180		mg/kg	0.87	0.14	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Mercury, Total	0.26		mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:53	EPA 7471B	1,7471B	EA
Nickel, Total	6.7		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Potassium, Total	650		mg/kg	220	12.	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Selenium, Total	0.71	J	mg/kg	1.7	0.22	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.87	0.25	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Sodium, Total	310		mg/kg	170	2.7	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.27	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Vanadium, Total	15		mg/kg	0.87	0.18	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Zinc, Total	250		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	8.6	2.3	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Antimony, Total	0.84	J	mg/kg	4.3	0.33	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Arsenic, Total	2.0		mg/kg	0.86	0.18	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Barium, Total	42		mg/kg	0.86	0.15	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Beryllium, Total	0.20	J	mg/kg	0.43	0.03	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.86	0.09	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Calcium, Total	41000		mg/kg	8.6	3.0	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Chromium, Total	26		mg/kg	0.86	0.08	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Cobalt, Total	5.1		mg/kg	1.7	0.14	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Copper, Total	24		mg/kg	0.86	0.22	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Iron, Total	9900		mg/kg	4.3	0.78	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Lead, Total	18		mg/kg	4.3	0.23	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Magnesium, Total	6900		mg/kg	8.6	1.3	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Manganese, Total	280		mg/kg	0.86	0.14	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:55	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Potassium, Total	500		mg/kg	220	12.	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Selenium, Total	0.34	J	mg/kg	1.7	0.22	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.86	0.24	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Sodium, Total	240		mg/kg	170	2.7	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.27	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Vanadium, Total	18		mg/kg	0.86	0.18	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Zinc, Total	37		mg/kg	4.3	0.25	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8000		mg/kg	8.8	2.4	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Antimony, Total	0.68	J	mg/kg	4.4	0.33	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Arsenic, Total	1.8		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Barium, Total	48		mg/kg	0.88	0.15	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Calcium, Total	30000		mg/kg	8.8	3.1	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Chromium, Total	17		mg/kg	0.88	0.08	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Cobalt, Total	4.1		mg/kg	1.8	0.14	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Copper, Total	20		mg/kg	0.88	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Iron, Total	9900		mg/kg	4.4	0.79	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Lead, Total	18		mg/kg	4.4	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Magnesium, Total	3900		mg/kg	8.8	1.3	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Manganese, Total	200		mg/kg	0.88	0.14	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:57	EPA 7471B	1,7471B	EA
Nickel, Total	8.5		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Potassium, Total	730		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Selenium, Total	0.59	J	mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Sodium, Total	330		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Zinc, Total	35		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6500		mg/kg	8.8	2.4	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Antimony, Total	1.1	J	mg/kg	4.4	0.34	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Arsenic, Total	1.7		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Barium, Total	53		mg/kg	0.88	0.15	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Beryllium, Total	0.19	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Cadmium, Total	0.09	J	mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Calcium, Total	15000		mg/kg	8.8	3.1	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Chromium, Total	19		mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Cobalt, Total	5.5		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Copper, Total	25		mg/kg	0.88	0.23	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Iron, Total	11000		mg/kg	4.4	0.80	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Lead, Total	62		mg/kg	4.4	0.24	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Magnesium, Total	3400		mg/kg	8.8	1.4	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Manganese, Total	390		mg/kg	0.88	0.14	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 22:03	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Potassium, Total	1000		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Sodium, Total	240		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Vanadium, Total	22		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Zinc, Total	78		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.9	2.4	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Antimony, Total	0.92	J	mg/kg	4.4	0.34	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Arsenic, Total	1.6		mg/kg	0.89	0.18	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Barium, Total	110		mg/kg	0.89	0.15	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Beryllium, Total	0.18	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.89	0.09	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Calcium, Total	8500		mg/kg	8.9	3.1	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Chromium, Total	26		mg/kg	0.89	0.09	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Cobalt, Total	6.7		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Copper, Total	26		mg/kg	0.89	0.23	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Iron, Total	17000		mg/kg	4.4	0.80	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Lead, Total	16		mg/kg	4.4	0.24	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Magnesium, Total	7000		mg/kg	8.9	1.4	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Manganese, Total	260		mg/kg	0.89	0.14	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 22:05	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Potassium, Total	5500		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.89	0.25	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Sodium, Total	210		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Vanadium, Total	48		mg/kg	0.89	0.18	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Zinc, Total	61		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG983363-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	03/07/17 09:10	03/07/17 13:59	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG983582-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Antimony, Total	ND		mg/kg	2.0	0.15	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Barium, Total	ND		mg/kg	0.40	0.07	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.20	0.01	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.40	0.04	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Calcium, Total	ND		mg/kg	4.0	1.4	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Chromium, Total	ND		mg/kg	0.40	0.04	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.80	0.07	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Copper, Total	ND		mg/kg	0.40	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Iron, Total	0.52	J	mg/kg	2.0	0.36	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Lead, Total	ND		mg/kg	2.0	0.11	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.0	0.62	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Manganese, Total	ND		mg/kg	0.40	0.06	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Nickel, Total	ND		mg/kg	1.0	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Potassium, Total	14	J	mg/kg	100	5.8	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Selenium, Total	ND		mg/kg	0.80	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Silver, Total	ND		mg/kg	0.40	0.11	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Sodium, Total	11	J	mg/kg	80	1.3	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Thallium, Total	ND		mg/kg	0.80	0.13	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.40	0.08	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Zinc, Total	ND		mg/kg	2.0	0.12	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-06,08-09 Batch: WG983711-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	03/08/17 07:00	03/08/17 21:42	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-06,08-09 Batch: WG983969-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Barium, Total	0.12	J	mg/kg	0.40	0.07	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Calcium, Total	3.0	J	mg/kg	4.0	1.4	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.11	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.62	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.06	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.8	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.11	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Sodium, Total	ND		mg/kg	80	1.3	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.08	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Zinc, Total	ND	mg/kg	2.0	0.12	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983363-2 SRM Lot Number: D091-540								
Mercury, Total	98		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983582-2 SRM Lot Number: D091-540					
Aluminum, Total	78	-	52-148	-	
Antimony, Total	114	-	1-200	-	
Arsenic, Total	96	-	80-121	-	
Barium, Total	91	-	84-117	-	
Beryllium, Total	91	-	83-117	-	
Cadmium, Total	92	-	83-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	98	-	80-119	-	
Cobalt, Total	97	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	107	-	47-154	-	
Lead, Total	96	-	82-118	-	
Magnesium, Total	91	-	77-123	-	
Manganese, Total	87	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	92	-	72-128	-	
Selenium, Total	90	-	79-121	-	
Silver, Total	96	-	75-124	-	
Sodium, Total	89	-	73-126	-	
Thallium, Total	85	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983582-2 SRM Lot Number: D091-540					
Zinc, Total	93	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983711-2 SRM Lot Number: D091-540					
Mercury, Total	76	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983969-2 SRM Lot Number: D091-540					
Aluminum, Total	68	-	52-148	-	
Antimony, Total	179	-	1-200	-	
Arsenic, Total	96	-	80-121	-	
Barium, Total	91	-	84-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	108	-	83-117	-	
Calcium, Total	93	-	81-118	-	
Chromium, Total	105	-	80-119	-	
Cobalt, Total	104	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	87	-	47-154	-	
Lead, Total	96	-	82-118	-	
Magnesium, Total	83	-	77-123	-	
Manganese, Total	94	-	82-118	-	
Nickel, Total	108	-	83-117	-	
Potassium, Total	79	-	72-128	-	
Selenium, Total	96	-	79-121	-	
Silver, Total	99	-	75-124	-	
Sodium, Total	97	-	73-126	-	
Thallium, Total	92	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983969-2 SRM Lot Number: D091-540					
Zinc, Total	103	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983363-3 QC Sample: L1706632-01 Client ID: MS Sample												
Mercury, Total	ND	0.131	0.16	**122**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-3 QC Sample: L1705932-01 Client ID: MS Sample										
Aluminum, Total	11000	185	12000	**540**	Q	-	-	75-125	-	20
Antimony, Total	0.24J	46.3	27	**58**	Q	-	-	75-125	-	20
Arsenic, Total	3.6	11.1	11	**67**	Q	-	-	75-125	-	20
Barium, Total	66.	185	200	**72**	Q	-	-	75-125	-	20
Beryllium, Total	0.45	4.63	3.6	**68**	Q	-	-	75-125	-	20
Cadmium, Total	ND	4.72	3.0	**64**	Q	-	-	75-125	-	20
Calcium, Total	340	925	950	**66**	Q	-	-	75-125	-	20
Chromium, Total	15.	18.5	27	**65**	Q	-	-	75-125	-	20
Cobalt, Total	5.9	46.3	37	**67**	Q	-	-	75-125	-	20
Copper, Total	9.8	23.1	27	**74**	Q	-	-	75-125	-	20
Iron, Total	16000	92.5	16000	**0**	Q	-	-	75-125	-	20
Lead, Total	6.4	47.2	37	**65**	Q	-	-	75-125	-	20
Magnesium, Total	1200	925	1800	**65**	Q	-	-	75-125	-	20
Manganese, Total	220	46.3	280	**130**	Q	-	-	75-125	-	20
Nickel, Total	8.4	46.3	39	**66**	Q	-	-	75-125	-	20
Potassium, Total	400	925	1000	**65**	Q	-	-	75-125	-	20
Selenium, Total	0.16J	11.1	7.0	**63**	Q	-	-	75-125	-	20
Silver, Total	ND	27.8	20	**72**	Q	-	-	75-125	-	20
Sodium, Total	34.J	925	670	**72**	Q	-	-	75-125	-	20
Thallium, Total	ND	11.1	4.9	**44**	Q	-	-	75-125	-	20
Vanadium, Total	26.	46.3	58	**69**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-3 QC Sample: L1705932-01 Client ID: MS Sample										
Zinc, Total	17.	46.3	46	**63**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983711-3 QC Sample: L1706909-03 Client ID: GP02_0-5										
Mercury, Total	1.2	0.153	1.2	**0**	Q	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-3 QC Sample: L1706686-01 Client ID: MS Sample										
Aluminum, Total	3700	610	4500	**131**	Q	-	-	75-125	-	20
Antimony, Total	1.3J	152	140	92		-	-	75-125	-	20
Arsenic, Total	3.7	36.6	37	91		-	-	75-125	-	20
Barium, Total	170	610	770	98		-	-	75-125	-	20
Beryllium, Total	ND	15.2	14	92		-	-	75-125	-	20
Cadmium, Total	0.39J	15.5	15	96		-	-	75-125	-	20
Calcium, Total	20000	3050	20000	**0**	Q	-	-	75-125	-	20
Chromium, Total	12.	61	66	88		-	-	75-125	-	20
Cobalt, Total	4.2J	152	140	92		-	-	75-125	-	20
Copper, Total	440	76.2	490	**66**	Q	-	-	75-125	-	20
Iron, Total	4300	305	4700	**131**	Q	-	-	75-125	-	20
Lead, Total	19.	155	160	91		-	-	75-125	-	20
Magnesium, Total	1800	3050	4400	85		-	-	75-125	-	20
Manganese, Total	230	152	360	85		-	-	75-125	-	20
Nickel, Total	18.	152	150	86		-	-	75-125	-	20
Potassium, Total	1500	3050	4400	95		-	-	75-125	-	20
Selenium, Total	4.4J	36.6	41	112		-	-	75-125	-	20
Silver, Total	5.6	91.4	100	103		-	-	75-125	-	20
Sodium, Total	1300	3050	4300	98		-	-	75-125	-	20
Thallium, Total	ND	36.6	29	79		-	-	75-125	-	20
Vanadium, Total	5.7	152	150	95		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-3 QC Sample: L1706686-01 Client ID: MS Sample									
Zinc, Total	380	152	500	79	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983363-4 QC Sample: L1706632-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-4 QC Sample: L1705932-01 Client ID: DUP Sample						
Lead, Total	6.4	7.0	mg/kg	9		20
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983711-4 QC Sample: L1706909-03 Client ID: GP02_0-5						
Mercury, Total	1.2	1.5	mg/kg	**22**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-4 QC Sample: L1706686-01 Client ID: DUP Sample						
Aluminum, Total	3700	4000	mg/kg	8		20
Arsenic, Total	3.7	4.5	mg/kg	20		20
Cadmium, Total	0.39J	0.39J	mg/kg	NC		20
Chromium, Total	12.	15	mg/kg	**22**	Q	20
Cobalt, Total	4.2J	8.8	mg/kg	NC		20
Copper, Total	440	400	mg/kg	10		20
Iron, Total	4300	4300	mg/kg	0		20
Lead, Total	19.	16	mg/kg	17		20
Magnesium, Total	1800	1700	mg/kg	6		20
Manganese, Total	230	210	mg/kg	9		20
Potassium, Total	1500	1400	mg/kg	7		20
Selenium, Total	4.4J	4.2J	mg/kg	NC		20
Sodium, Total	1300	1200	mg/kg	8		20
Zinc, Total	380	380	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.54	J	mg/kg	1.1	0.19	1	03/08/17 13:05	03/09/17 13:03	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
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	84.8		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.20	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:04	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.30	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:05	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
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	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	03/08/17 13:05	03/09/17 13:06	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.22	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:06	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.18	1	03/08/17 13:05	03/09/17 13:09	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.57	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:09	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983845-1										
Cyanide, Total	0.17	J	mg/kg	0.95	0.16	1	03/08/17 13:05	03/09/17 12:46	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983845-2 WG983845-3								
Cyanide, Total	113		112		80-120	3		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06,08-09 QC Batch ID: WG983845-4 WG983845-5 QC Sample: L1706909-06 Client ID: 178GP02_2.5-5												
Cyanide, Total	0.22J	11	11	99		11	99		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06,08-09 QC Batch ID: WG983867-1 QC Sample: L1706909-01 Client ID: GP01_0-5						
Solids, Total	83.0	84.0	%	1		20

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 03/06/2017 23:56

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-01A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-01B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-01D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1706909-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.2	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-01F	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-02A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1706909-02E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	NYTCL-8270(14)
L1706909-03A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-03E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-03F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-04A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-04E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-04F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-05A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-05E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-05F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-06A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-06B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-06C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-06D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-06E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-06F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-07A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07B	Vial water preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07C	Vial water preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082()
L1706909-07E	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082()
L1706909-07F	Glass 60mL/2oz unpreserved	B	N/A	3.4	Y	Absent	HOLD-METAL(180)
L1706909-08A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-08E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-08F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-09A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-09E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-09F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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 1

Date Rec'd in Lab: 3/6/17

ALPHA Job #: L1706909

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn	TCL 8270			Sample Specific Comments	Total Bottles
06909.01	GP01_0-5	3/6/17	1205	Soil	DA	X	X	X	X	X					6
02	GP01_5-7.5	3/6/17	1345	Soil	DA	X	X				X				
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											

Container Type	V	V	A	A	A			
Preservative	F		A	A	A			

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
	3/6/17 1552		3/6/17 1552
	3/6/17 1705		3/6/17 1810
	3/6/17 2240		3/6/17 2240

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.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/7/17

ALPHA Job #: L1706909

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn	Sample Specific Comments	Total Bottle
06909.03	GP02_0-5	3/7/17	830	Soil	DA	X	X	X	X	X		6
.04	GP03_0-5		1110	Soil	DA	X	X	X	X	X		6
.05	178GP01_0-2.5	↓	1120	Soil	DA	X	X	X	X	X		6
.06	178GP02_2.5-5	3/7/17	1320	Soil	DA	X	X	X	X	X		6
.07	178GP03_0-2.5		1340	Soil	DA	X	X	X	X	X	*HOLD*	6
.08	178GP03_2.5-5	↓	1330	Soil	DA	X	X	X	X	X		6
.09	178GP04_0-5	3/7/17	1415	Soil	DA	X	X	X	X	X		6
				Soil								
				Soil (DB)								
				Soil								

Container Type	V	V	A	A	A	
Preservative	F		A	A	A	

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
	3/7/17 1535	Jon Paulin AAL	3-7-17 1535
Jon Paulin	3-7-17 1720	Tom Tobin	3-7-17 1800
Tom Tobin	3-7-17 2230		3/7/17 2230

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.

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

APPENDIX G

LABORATORY ANALYTICAL REPORTS

(GROUNDWATER)

ANALYTICAL REPORT

Lab Number:	L1707302
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG PHASE 4/5
Project Number:	16.6669
Report Date:	03/15/17

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1707302-01	178 MW01	WATER	YONKERS NY	03/08/17 08:40	03/08/17
L1707302-02	178 MW02	WATER	YONKERS NY	03/08/17 09:20	03/08/17
L1707302-03	178 MW03	WATER	YONKERS NY	03/08/17 10:00	03/08/17
L1707302-04	178 MW04	WATER	YONKERS NY	03/08/17 10:40	03/08/17
L1707302-05	MWGP01	WATER	YONKERS NY	03/08/17 11:30	03/08/17
L1707302-06	TRANSPORT BLANK	WATER	YONKERS NY	03/08/17 00:00	03/08/17

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302
Project Number: 16.6669 **Report Date:** 03/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG PHASE 4/5 **Lab Number:** L1707302
Project Number: 16.6669 **Report Date:** 03/15/17

Case Narrative (continued)

Report Submission

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

Semivolatile Organics by SIM

The WG984383-1 Method Blank, associated with L1707302-01, -02, and -03, has a concentration above the reporting limit for naphthalene. Since the samples were non-detect to the RL (-01) or more than 10x the blank concentration (-02 and -03) for this analyte, no further actions were taken. The results of the original analysis are reported.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/15/17

ORGANICS

VOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 16:24
Analyst: PD

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 16:57
Analyst: PD

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.92	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	4.7		ug/l	0.50	0.16	1
Toluene	6.9		ug/l	2.5	0.70	1
Ethylbenzene	10		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.13	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	1.6	J	ug/l	2.5	0.70	1
p/m-Xylene	25		ug/l	2.5	0.70	1
o-Xylene	12		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.40	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	27.1	J	ug/l			1
Unknown	1.76	J	ug/l			1
Cyclopentane, Methyl-	2.50	NJ	ug/l			1
Indane	3.82	NJ	ug/l			1
Unknown Aromatic	1.98	J	ug/l			1
Butane, 2-Methyl-	2.84	NJ	ug/l			1
Pentane, 2-methyl-	1.99	NJ	ug/l			1
Unknown Benzene	3.98	J	ug/l			1
Unknown	3.97	J	ug/l			1
Unknown Benzene	2.33	J	ug/l			1
Unknown	1.88	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/15/17 10:55
Analyst: PD

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	58		ug/l	5.0	1.6	10
Toluene	300		ug/l	25	7.0	10
Ethylbenzene	440		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	20	J	ug/l	25	7.0	10
p/m-Xylene	940		ug/l	25	7.0	10
o-Xylene	260		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	60		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	30	J	ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	44	J	ug/l	100	4.0	10
Tentatively Identified Compounds						
Total TIC Compounds	566	J	ug/l			10
Unknown Benzene	34.3	J	ug/l			10
Unknown Aromatic	45.3	J	ug/l			10
Unknown	173	J	ug/l			10
Unknown Benzene	51.6	J	ug/l			10
Pentane, 3-methyl-	31.7	NJ	ug/l			10
Unknown Alkane	75.5	J	ug/l			10
Unknown Benzene	95.8	J	ug/l			10
Unknown Cycloalkane	58.7	J	ug/l			10

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 18:02
Analyst: PD

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	22		ug/l	0.50	0.16	1
Toluene	0.71	J	ug/l	2.5	0.70	1
Ethylbenzene	2.9		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	2.4	J	ug/l	2.5	0.70	1
p/m-Xylene	2.1	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.40	1

Tentatively Identified Compounds						
Total TIC Compounds	59.9	J	ug/l			1
Indane	2.74	NJ	ug/l			1
Pentane	3.91	NJ	ug/l			1
Unknown	5.38	J	ug/l			1
Pentane, 2-methyl-	4.31	NJ	ug/l			1
Butane, 2-Methyl-	13.4	NJ	ug/l			1
Unknown	1.17	J	ug/l			1
Butane	11.1	NJ	ug/l			1
Unknown	17.9	J	ug/l			1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 18:34
Analyst: PD

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.2	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	0.76	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	26		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	5.7		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.86	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	202	J	ug/l			1
Unknown Aromatic	28.7	J	ug/l			1
Unknown Aromatic	19.9	J	ug/l			1
Unknown Aromatic	20.8	J	ug/l			1
Unknown Naphthalene	15.6	J	ug/l			1
Unknown Benzene	15.9	J	ug/l			1
Unknown Aromatic	18.8	J	ug/l			1
Unknown Naphthalene	25.6	J	ug/l			1
Unknown Aromatic	18.6	J	ug/l			1
Unknown	20.6	J	ug/l			1
3-Phenylbut-1-ene	17.0	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-06
Client ID: TRANSPORT BLANK
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/15/17 10:27
Analyst: PD

Date Collected: 03/08/17 00:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-06 Date Collected: 03/08/17 00:00

Client ID: TRANSPORT BLANK Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					
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	0.14
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
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
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	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					
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	0.14
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
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
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	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
Methylene chloride	99		99		70-130	0		20
1,1-Dichloroethane	97		94		70-130	3		20
Chloroform	94		92		70-130	2		20
Carbon tetrachloride	96		93		63-132	3		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	94		99		70-130	5		20
Tetrachloroethene	99		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	94		90		62-150	4		20
1,2-Dichloroethane	87		87		70-130	0		20
1,1,1-Trichloroethane	92		89		67-130	3		20
Bromodichloromethane	96		92		67-130	4		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	96		93		70-130	3		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	98		96		70-130	2		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	110		110		64-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	110		100		55-140	10		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	99		97		61-145	2		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		94		70-130	5		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	90		90		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	80		74		36-147	8		20
Acetone	87		88		58-148	1		20
Carbon disulfide	81		78		51-130	4		20
2-Butanone	85		82		63-138	4		20
4-Methyl-2-pentanone	83		83		59-130	0		20
2-Hexanone	76		76		57-130	0		20
Bromochloromethane	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
1,2-Dibromoethane	98		96		70-130	2		20
1,2-Dibromo-3-chloropropane	83		88		41-144	6		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	86		86		70-130	0		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	95		92		70-130	3		20
1,4-Dioxane	100		96		56-162	4		20
Freon-113	100		99		70-130	1		20
Methyl cyclohexane	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
Methylene chloride	100		96		70-130	4		20
1,1-Dichloroethane	96		95		70-130	1		20
Chloroform	90		87		70-130	3		20
Carbon tetrachloride	82		82		63-132	0		20
1,2-Dichloropropane	97		95		70-130	2		20
Dibromochloromethane	78		78		63-130	0		20
1,1,2-Trichloroethane	97		99		70-130	2		20
Tetrachloroethene	86		90		70-130	5		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	94		98		62-150	4		20
1,2-Dichloroethane	81		76		70-130	6		20
1,1,1-Trichloroethane	85		83		67-130	2		20
Bromodichloromethane	83		82		67-130	1		20
trans-1,3-Dichloropropene	81		84		70-130	4		20
cis-1,3-Dichloropropene	89		90		70-130	1		20
Bromoform	74		68		54-136	8		20
1,1,2,2-Tetrachloroethane	95		94		67-130	1		20
Benzene	99		98		70-130	1		20
Toluene	94		97		70-130	3		20
Ethylbenzene	89		91		70-130	2		20
Chloromethane	110		110		64-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
Bromomethane	120		120		39-139	0		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		99		70-130	1		20
Trichloroethene	90		89		70-130	1		20
1,2-Dichlorobenzene	91		90		70-130	1		20
1,3-Dichlorobenzene	88		89		70-130	1		20
1,4-Dichlorobenzene	95		92		70-130	3		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	100		98		58-148	2		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		99		63-138	1		20
4-Methyl-2-pentanone	85		86		59-130	1		20
2-Hexanone	87		85		57-130	2		20
Bromochloromethane	100		96		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
1,2-Dibromoethane	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	76		87		41-144	13		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	99		93		70-130	6		20
1,2,4-Trichlorobenzene	100		96		70-130	4		20
Methyl Acetate	100		91		70-130	9		20
Cyclohexane	96		98		70-130	2		20
1,4-Dioxane	100		94		56-162	6		20
Freon-113	96		97		70-130	1		20
Methyl cyclohexane	91		93		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		81		70-130
Toluene-d8	103		106		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	99		96		70-130

SEMIVOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 07:08
Analyst: RC

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.61	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.3	1
Dibenzofuran	ND		ug/l	1.9	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.65	1
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	ND		ug/l	1.9	0.61	1
Atrazine	ND		ug/l	9.7	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.7	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.90	1
Tentatively Identified Compounds						
Total TIC Compounds	19.0	J	ug/l			1
Unknown	5.17	J	ug/l			1
Unknown Organic Acid	13.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	69		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 15:17
Analyst: KL

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.21		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	ND		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.10	J	ug/l	0.19	0.02	1
Benzo(a)pyrene	ND		ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.19	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.19	0.04	1
Chrysene	0.10	J	ug/l	0.19	0.04	1
Acenaphthylene	0.05	J	ug/l	0.19	0.03	1
Anthracene	0.07	J	ug/l	0.19	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.19	0.04	1
Fluorene	ND		ug/l	0.19	0.04	1
Phenanthrene	0.05	J	ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.19	0.04	1
Pyrene	0.16	J	ug/l	0.19	0.04	1
2-Methylnaphthalene	ND		ug/l	0.19	0.04	1
Pentachlorophenol	ND		ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	50		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 08:01
Analyst: RC

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.61	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.3	1
Dibenzofuran	0.85	J	ug/l	1.9	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.65	1
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	1.4	J	ug/l	1.9	0.61	1
Atrazine	ND		ug/l	9.7	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.7	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.90	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	332	J	ug/l			1
Unknown	60.4	J	ug/l			1
Unknown	8.89	J	ug/l			1
Unknown Benzene	5.16	J	ug/l			1
Unknown Organic Acid	5.50	J	ug/l			1
Unknown	12.7	J	ug/l			1
Unknown	9.80	J	ug/l			1
Unknown Organic Acid	17.6	J	ug/l			1
Unknown	4.87	J	ug/l			1
Unknown	5.35	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	21.4	J	ug/l			1
Unknown Organic Acid	5.08	J	ug/l			1
Unknown	4.04	J	ug/l			1
Unknown Benzene	12.7	J	ug/l			1
Unknown Organic Acid	85.4	J	ug/l			1
Unknown	27.6	J	ug/l			1
Unknown	23.3	J	ug/l			1
Unknown Organic Acid	11.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	89		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 15:50
Analyst: KL

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.88		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.42		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	6.9		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.19		ug/l	0.19	0.02	1
Benzo(a)pyrene	0.17	J	ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.24		ug/l	0.19	0.02	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.19	0.04	1
Chrysene	0.20		ug/l	0.19	0.04	1
Acenaphthylene	0.14	J	ug/l	0.19	0.03	1
Anthracene	0.29		ug/l	0.19	0.03	1
Benzo(ghi)perylene	0.08	J	ug/l	0.19	0.04	1
Fluorene	0.81		ug/l	0.19	0.04	1
Phenanthrene	1.0		ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.19	0.04	1
Pyrene	0.35		ug/l	0.19	0.04	1
2-Methylnaphthalene	1.8		ug/l	0.19	0.04	1
Pentachlorophenol	ND		ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	63		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 08:28
Analyst: RC

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
3-Methylphenol/4-Methylphenol	1.8	J	ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	1.8	J	ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1570	J	ug/l			1
Naphthalene, 2-methyl-	16.4	NJ	ug/l			1
Unknown	54.6	J	ug/l			1
Unknown Benzene	21.3	J	ug/l			1
Unknown Benzene	21.3	J	ug/l			1
Unknown Benzene	9.04	J	ug/l			1
Unknown Benzene	90.2	J	ug/l			1
Unknown Benzene	122	J	ug/l			1
Unknown Benzene	406	J	ug/l			1
Unknown	151	J	ug/l			1
Unknown Benzene	29.4	J	ug/l			1
Unknown Benzene	46.3	J	ug/l			1
Unknown Benzene	226	J	ug/l			1
Unknown Naphthalene	16.2	J	ug/l			1
Naphthalene, 1-methyl-	10.6	NJ	ug/l			1
Unknown Benzene	109	J	ug/l			1
Unknown Benzene	175	J	ug/l			1
Unknown	8.00	J	ug/l			1
Unknown Benzene	23.0	J	ug/l			1
Unknown	7.45	J	ug/l			1
Unknown	23.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	87		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 16:24
Analyst: KL

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.59		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.45		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	43	E	ug/l	0.20	0.04	1
Benzo(a)anthracene	0.15	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.14	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.20	0.04	1
Chrysene	0.14	J	ug/l	0.20	0.04	1
Acenaphthylene	0.08	J	ug/l	0.20	0.04	1
Anthracene	0.22		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.63		ug/l	0.20	0.04	1
Phenanthrene	1.0		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	0.04	J	ug/l	0.20	0.04	1
Pyrene	0.33		ug/l	0.20	0.04	1
2-Methylnaphthalene	13		ug/l	0.20	0.05	1
Pentachlorophenol	0.34	J	ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	61		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1707302-03	D	Date Collected:	03/08/17 10:00
Client ID:	178 MW03		Date Received:	03/08/17
Sample Location:	YONKERS NY		Field Prep:	Not Specified
Matrix:	Water		Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM		Extraction Date:	03/10/17 10:37
Analytical Date:	03/13/17 11:48			
Analyst:	KL			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	68		ug/l	1.0	0.22	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/12/17 22:14
Analyst: RC

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.64	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.81	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.5	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.72	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.67	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.87	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.60	1
Dimethyl phthalate	ND		ug/l	4.8	0.62	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	0.64	1
Acetophenone	ND		ug/l	4.8	0.81	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.65	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.59	1
2-Chlorophenol	ND		ug/l	1.9	0.60	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.6	1.4	1
4-Nitrophenol	ND		ug/l	9.6	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.2	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	ND		ug/l	1.9	0.60	1
Atrazine	ND		ug/l	9.6	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.6	3.4	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.89	1
Tentatively Identified Compounds						
Total TIC Compounds	39.8	J	ug/l			1
Unknown	27.1	J	ug/l			1
Unknown	8.24	J	ug/l			1
Unknown	4.46	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	70		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 10:45
Analyst: KL

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.49		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.96		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	0.76		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.42		ug/l	0.19	0.02	1
Benzo(a)pyrene	0.47		ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.62		ug/l	0.19	0.02	1
Benzo(k)fluoranthene	0.24		ug/l	0.19	0.04	1
Chrysene	0.46		ug/l	0.19	0.04	1
Acenaphthylene	0.10	J	ug/l	0.19	0.03	1
Anthracene	0.32		ug/l	0.19	0.03	1
Benzo(ghi)perylene	0.28		ug/l	0.19	0.04	1
Fluorene	0.39		ug/l	0.19	0.04	1
Phenanthrene	0.53		ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	0.29		ug/l	0.19	0.04	1
Pyrene	0.88		ug/l	0.19	0.04	1
2-Methylnaphthalene	0.18	J	ug/l	0.19	0.04	1
Pentachlorophenol	0.35	J	ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	64		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 07:35
Analyst: RC

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.66	1
3,3'-Dichlorobenzidine	ND		ug/l	4.9	1.4	1
2,4-Dinitrotoluene	ND		ug/l	4.9	0.84	1
2,6-Dinitrotoluene	ND		ug/l	4.9	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.72	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.69	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.9	0.62	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	4.9	0.59	1
Nitrobenzene	ND		ug/l	2.0	0.74	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.9	0.69	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.90	1
Butyl benzyl phthalate	ND		ug/l	4.9	1.2	1
Di-n-butylphthalate	ND		ug/l	4.9	0.68	1
Di-n-octylphthalate	ND		ug/l	4.9	1.1	1
Diethyl phthalate	ND		ug/l	4.9	0.62	1
Dimethyl phthalate	ND		ug/l	4.9	0.64	1
Biphenyl	11.		ug/l	2.0	0.75	1
4-Chloroaniline	ND		ug/l	4.9	0.62	1
2-Nitroaniline	ND		ug/l	4.9	1.1	1
3-Nitroaniline	ND		ug/l	4.9	1.2	1
4-Nitroaniline	ND		ug/l	4.9	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.65	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.9	0.66	1
Acetophenone	ND		ug/l	4.9	0.84	1
2,4,6-Trichlorophenol	ND		ug/l	4.9	0.67	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.62	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.9	0.76	1
2,4-Dimethylphenol	ND		ug/l	4.9	1.6	1
2-Nitrophenol	ND		ug/l	9.9	1.5	1
4-Nitrophenol	ND		ug/l	9.9	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	9.9	2.1	1
Phenol	ND		ug/l	4.9	1.9	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.9	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.9	0.71	1
Carbazole	ND		ug/l	2.0	0.62	1
Atrazine	ND		ug/l	9.9	1.8	1
Benzaldehyde	ND		ug/l	4.9	1.1	1
Caprolactam	ND		ug/l	9.9	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.9	0.92	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	445	J	ug/l			1
Unknown	23.3	J	ug/l			1
Unknown Naphthalene	14.2	J	ug/l			1
Unknown	24.3	J	ug/l			1
Naphthalene, 1-methyl-	53.1	NJ	ug/l			1
Unknown	16.6	J	ug/l			1
Unknown Benzene	13.4	J	ug/l			1
Unknown Naphthalene	12.4	J	ug/l			1
Unknown Naphthalene	22.2	J	ug/l			1
Unknown Organic Acid	21.3	J	ug/l			1
Unknown Naphthalene	13.9	J	ug/l			1
Unknown	18.6	J	ug/l			1
Unknown	20.6	J	ug/l			1
Unknown Alkane	25.1	J	ug/l			1
Unknown Naphthalene	32.9	J	ug/l			1
Unknown Naphthalene	17.3	J	ug/l			1
Naphthalene, 2-methyl-	20.7	NJ	ug/l			1
Unknown Naphthalene	43.4	J	ug/l			1
Unknown	23.1	J	ug/l			1
Unknown	13.4	J	ug/l			1
Unknown	15.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	88		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 11:16
Analyst: KL

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.3		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	1.5		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.03	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.03	J	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	0.24		ug/l	0.20	0.04	1
Anthracene	0.21		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	1.8		ug/l	0.20	0.04	1
Phenanthrene	2.3		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	0.09	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	5.2		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	51		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	77		41-149

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/10/17 18:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG984383-1					
Acenaphthene	ND		ug/l	0.10	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	0.35		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: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/10/17 18:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG984383-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 08:07
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05 Batch: WG984909-1					
Acenaphthene	ND		ug/l	0.10	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: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 08:07
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05 Batch: WG984909-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
Bis(2-chloroethyl)ether	72		69		40-140	4		30
3,3'-Dichlorobenzidine	64		68		40-140	6		30
2,4-Dinitrotoluene	83		81		48-143	2		30
2,6-Dinitrotoluene	82		79		40-140	4		30
4-Chlorophenyl phenyl ether	77		75		40-140	3		30
4-Bromophenyl phenyl ether	76		74		40-140	3		30
Bis(2-chloroisopropyl)ether	60		54		40-140	11		30
Bis(2-chloroethoxy)methane	74		70		40-140	6		30
Hexachlorocyclopentadiene	78		73		40-140	7		30
Isophorone	75		69		40-140	8		30
Nitrobenzene	76		70		40-140	8		30
NDPA/DPA	79		77		40-140	3		30
n-Nitrosodi-n-propylamine	72		67		29-132	7		30
Bis(2-ethylhexyl)phthalate	90		88		40-140	2		30
Butyl benzyl phthalate	82		80		40-140	2		30
Di-n-butylphthalate	82		80		40-140	2		30
Di-n-octylphthalate	95		93		40-140	2		30
Diethyl phthalate	79		76		40-140	4		30
Dimethyl phthalate	76		75		40-140	1		30
Biphenyl	86		83		40-140	4		30
4-Chloroaniline	54		45		40-140	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
2-Nitroaniline	85		85		52-143	0		30
3-Nitroaniline	77		73		25-145	5		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	78		76		40-140	3		30
1,2,4,5-Tetrachlorobenzene	73		70		2-134	4		30
Acetophenone	90		84		39-129	7		30
2,4,6-Trichlorophenol	78		77		30-130	1		30
p-Chloro-m-cresol	80		79		23-97	1		30
2-Chlorophenol	76		72		27-123	5		30
2,4-Dichlorophenol	82		76		30-130	8		30
2,4-Dimethylphenol	86		82		30-130	5		30
2-Nitrophenol	83		79		30-130	5		30
4-Nitrophenol	51		48		10-80	6		30
2,4-Dinitrophenol	62		68		20-130	9		30
4,6-Dinitro-o-cresol	79		76		20-164	4		30
Phenol	40		37		12-110	8		30
3-Methylphenol/4-Methylphenol	70		65		30-130	7		30
2,4,5-Trichlorophenol	82		79		30-130	4		30
Carbazole	81		79		55-144	3		30
Atrazine	94		88		40-140	7		30
Benzaldehyde	74		70		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
Caprolactam	20		18		10-130	11		30
2,3,4,6-Tetrachlorophenol	79		76		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		51		21-120
Phenol-d6	38		35		10-120
Nitrobenzene-d5	73		67		23-120
2-Fluorobiphenyl	74		71		15-120
2,4,6-Tribromophenol	85		79		10-120
4-Terphenyl-d14	76		73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG984383-2 WG984383-3								
Acenaphthene	58		60		37-111	3		40
2-Chloronaphthalene	54		56		40-140	4		40
Fluoranthene	63		64		40-140	2		40
Hexachlorobutadiene	48		50		40-140	4		40
Naphthalene	57		59		40-140	3		40
Benzo(a)anthracene	62		64		40-140	3		40
Benzo(a)pyrene	53		58		40-140	9		40
Benzo(b)fluoranthene	58		59		40-140	2		40
Benzo(k)fluoranthene	63		64		40-140	2		40
Chrysene	64		67		40-140	5		40
Acenaphthylene	62		63		40-140	2		40
Anthracene	66		68		40-140	3		40
Benzo(ghi)perylene	51		48		40-140	6		40
Fluorene	63		65		40-140	3		40
Phenanthrene	58		59		40-140	2		40
Dibenzo(a,h)anthracene	53		50		40-140	6		40
Indeno(1,2,3-cd)pyrene	52		50		40-140	4		40
Pyrene	63		64		26-127	2		40
2-Methylnaphthalene	55		57		40-140	4		40
Pentachlorophenol	76		65		9-103	16		40
Hexachlorobenzene	58		61		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG984383-2 WG984383-3								
Hexachloroethane	63		65		40-140	3		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		47		21-120
Phenol-d6	33		34		10-120
Nitrobenzene-d5	70		70		23-120
2-Fluorobiphenyl	52		52		15-120
2,4,6-Tribromophenol	63		63		10-120
4-Terphenyl-d14	62		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05 Batch: WG984909-2 WG984909-3								
Acenaphthene	76		64		37-111	17		40
2-Chloronaphthalene	68		60		40-140	13		40
Fluoranthene	100		69		40-140	37		40
Hexachlorobutadiene	51		52		40-140	2		40
Naphthalene	65		78		40-140	18		40
Benzo(a)anthracene	108		70		40-140	**43**	Q	40
Benzo(a)pyrene	105		70		40-140	40		40
Benzo(b)fluoranthene	111		73		40-140	**41**	Q	40
Benzo(k)fluoranthene	106		70		40-140	**41**	Q	40
Chrysene	108		71		40-140	**41**	Q	40
Acenaphthylene	76		69		40-140	10		40
Anthracene	98		68		40-140	36		40
Benzo(ghi)perylene	100		65		40-140	**42**	Q	40
Fluorene	86		68		40-140	23		40
Phenanthrene	95		70		40-140	30		40
Dibenzo(a,h)anthracene	101		67		40-140	40		40
Indeno(1,2,3-cd)pyrene	102		67		40-140	**41**	Q	40
Pyrene	99		68		26-127	37		40
2-Methylnaphthalene	69		68		40-140	1		40
Pentachlorophenol	60		55		9-103	9		40
Hexachlorobenzene	103		68		40-140	**41**	Q	40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05 Batch: WG984909-2 WG984909-3								
Hexachloroethane	53		53		40-140	0		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	38		39		21-120
Phenol-d6	28		29		10-120
Nitrobenzene-d5	66		64		23-120
2-Fluorobiphenyl	64		62		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	69		67		41-149

PCBS

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:19
Analyst: JA

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:31
Analyst: JA

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:44
Analyst: JA

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:56
Analyst: JA

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 08:09
Analyst: JA

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/13/17 06:42
Analyst: JA

Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG984858-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984858-2 WG984858-3									
Aroclor 1016	75		67		40-140	11		50	A
Aroclor 1260	61		63		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	A
Decachlorobiphenyl	66		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		70		30-150	B
Decachlorobiphenyl	81		76		30-150	B

PESTICIDES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:08
Analyst: RL

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:23
Analyst: RL

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:39
Analyst: RL

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:54
Analyst: RL

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 23:09
Analyst: RL

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/13/17 21:22
Analyst: RL

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG984721-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/13/17 21:22
Analyst: RL

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG984721-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984721-2 WG984721-3									
Delta-BHC	83		70		30-150	17		20	A
Lindane	90		76		30-150	16		20	A
Alpha-BHC	88		73		30-150	19		20	A
Beta-BHC	100		86		30-150	15		20	A
Heptachlor	89		77		30-150	15		20	A
Aldrin	92		76		30-150	18		20	A
Heptachlor epoxide	98		85		30-150	14		20	A
Endrin	87		74		30-150	16		20	A
Endrin aldehyde	88		74		30-150	17		20	A
Endrin ketone	99		86		30-150	14		20	A
Dieldrin	92		80		30-150	14		20	A
4,4'-DDE	84		73		30-150	14		20	A
4,4'-DDD	84		72		30-150	15		20	A
4,4'-DDT	86		76		30-150	12		20	A
Endosulfan I	96		84		30-150	14		20	A
Endosulfan II	90		77		30-150	16		20	A
Endosulfan sulfate	103		88		30-150	16		20	A
Methoxychlor	103		90		30-150	14		20	A
cis-Chlordane	89		78		30-150	13		20	A
trans-Chlordane	90		78		30-150	14		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984721-2 WG984721-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		79		30-150	A
Decachlorobiphenyl	96		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		85		30-150	B
Decachlorobiphenyl	113		97		30-150	B

METALS

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	66		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Arsenic, Total	0.022		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Barium, Total	1.22		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Beryllium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Calcium, Total	360		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Chromium, Total	0.29		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Cobalt, Total	0.100		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Copper, Total	0.499		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Iron, Total	96		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Lead, Total	0.599		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Magnesium, Total	66		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Manganese, Total	7.82		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Mercury, Total	0.00018	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:12	EPA 7470A	1,7470A	EA
Nickel, Total	0.212		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Potassium, Total	16		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Selenium, Total	0.004	J	mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Sodium, Total	300		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Vanadium, Total	0.183		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Zinc, Total	0.774		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	44		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Arsenic, Total	0.013		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Barium, Total	0.409		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Beryllium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Calcium, Total	180		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Chromium, Total	0.09		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Cobalt, Total	0.031		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Copper, Total	0.155		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Iron, Total	48		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Lead, Total	0.382		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Magnesium, Total	13		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Manganese, Total	1.90		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Mercury, Total	0.00036		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:18	EPA 7470A	1,7470A	EA
Nickel, Total	0.052		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Potassium, Total	15		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Sodium, Total	240		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Vanadium, Total	0.098		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Zinc, Total	0.430		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	22		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Arsenic, Total	0.010		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Barium, Total	0.368		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Calcium, Total	81		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Chromium, Total	0.09		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Cobalt, Total	0.032		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Copper, Total	0.153		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Iron, Total	36		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Lead, Total	0.186		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Magnesium, Total	20		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Manganese, Total	1.36		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Mercury, Total	0.00014	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:19	EPA 7470A	1,7470A	EA
Nickel, Total	0.074		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Potassium, Total	12		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Sodium, Total	220		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Vanadium, Total	0.072		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Zinc, Total	0.247		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.5		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Barium, Total	0.182		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Calcium, Total	160		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Chromium, Total	0.008	J	mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Cobalt, Total	0.003	J	mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Copper, Total	0.024		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Iron, Total	15		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Lead, Total	0.020		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Magnesium, Total	24		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Manganese, Total	1.78		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:21	EPA 7470A	1,7470A	EA
Nickel, Total	0.006	J	mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Potassium, Total	24		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Sodium, Total	260		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Vanadium, Total	0.0099	J	mg/l	0.0100	0.0020	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Zinc, Total	0.031	J	mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9.2		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Barium, Total	0.327		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Calcium, Total	160		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Chromium, Total	0.03		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Cobalt, Total	0.011	J	mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Copper, Total	0.049		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Iron, Total	11		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Lead, Total	0.486		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Magnesium, Total	72		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Manganese, Total	2.48		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Mercury, Total	0.00016	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:23	EPA 7470A	1,7470A	EA
Nickel, Total	0.023	J	mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Potassium, Total	8.6		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Selenium, Total	0.004	J	mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Sodium, Total	84		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Vanadium, Total	0.022		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Zinc, Total	0.197		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG984457-1										
Aluminum, Total	ND		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 16:31	1,6010C	PS
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Barium, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Calcium, Total	ND		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Chromium, Total	ND		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Cobalt, Total	ND		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Copper, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Iron, Total	ND		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Lead, Total	ND		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Magnesium, Total	ND		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Manganese, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Nickel, Total	ND		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Sodium, Total	ND		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 16:31	1,6010C	PS
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Vanadium, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Zinc, Total	ND		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG984473-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:08	1,7470A	EA

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984457-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	95		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	90		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	93		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	93		-		80-120	-		
Potassium, Total	93		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	95		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984457-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984473-2					
Mercury, Total	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-3 QC Sample: L1707456-01 Client ID: MS Sample												
Aluminum, Total	ND	2	ND	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	0.5	ND	**0**	Q	-	-		75-125	-		20
Arsenic, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Barium, Total	ND	2	2.24	112		-	-		75-125	-		20
Beryllium, Total	ND	0.05	ND	**0**	Q	-	-		75-125	-		20
Cadmium, Total	ND	0.051	ND	**0**	Q	-	-		75-125	-		20
Calcium, Total	47.	10	40	**20**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	ND	**0**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.430J	86		-	-		75-125	-		20
Copper, Total	ND	0.25	0.380J	**152**	Q	-	-		75-125	-		20
Iron, Total	6.9	1	7.4	120		-	-		75-125	-		20
Lead, Total	ND	0.51	0.520J	102	Q	-	-		75-125	-		20
Magnesium, Total	7.6J	10	18	**180**	Q	-	-		75-125	-		20
Manganese, Total	0.200J	0.5	0.580J	116		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.440J	88		-	-		75-125	-		20
Potassium, Total	ND	10	ND	**0**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	ND	**0**	Q	-	-		75-125	-		20
Sodium, Total	230	10	210	100		-	-		75-125	-		20
Thallium, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.560J	112		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-3 QC Sample: L1707456-01 Client ID: MS Sample									
Zinc, Total	0.600J	0.5	0.560J	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984473-3 QC Sample: L1707302-01 Client ID: 178 MW01									
Mercury, Total	0.00018J	0.005	0.00511	102	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-4 QC Sample: L1707456-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984473-4 QC Sample: L1707302-01 Client ID: 178 MW01						
Mercury, Total	0.00018J	0.00026	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 12:58	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.010		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:00	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:02	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:03	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:04	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG984221-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 12:53	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG984221-2 WG984221-3								
Cyanide, Total	90		92		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG984221-4 WG984221-5 QC Sample: L1707302-01 Client ID: 178 MW01												
Cyanide, Total	0.002J	0.2	0.178	89		0.177	88		80-120	1		20

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler	
C	Present/Not Intact
B	Present/Not Intact
A	Present/Not Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-01A	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01B	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01C	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01D	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-01E	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-01F	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-01G	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-01H	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-01I	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-01J	Plastic 250ml NaOH preserved	A	>12	5.7	Y	Present/Not Intact	TCN-9010(14)
L1707302-01K	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-02A	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02B	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02C	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02D	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-02E	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-02F	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-02G	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-02H	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-02I	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-02J	Plastic 250ml NaOH preserved	A	>12	5.7	Y	Present/Not Intact	TCN-9010(14)
L1707302-02K	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-03A	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03B	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03C	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03D	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-03E	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-03F	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-03G	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-03H	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-03I	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-03J	Plastic 250ml NaOH preserved	C	>12	4.3	Y	Present/Not Intact	TCN-9010(14)
L1707302-03K	Plastic 250ml HNO3 preserved	C	<2	4.3	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-04A	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04B	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04C	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04D	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-04E	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-04F	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-04G	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-04H	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-04I	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-04J	Plastic 250ml NaOH preserved	C	>12	4.3	Y	Present/Not Intact	TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-04K	Plastic 250ml HNO3 preserved	C	<2	4.3	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-05A	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05B	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05C	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05D	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-05E	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-05F	Amber 500ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-05G	Amber 500ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-05H	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-05I	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-05J	Plastic 250ml NaOH preserved	B	>12	5.1	Y	Present/Not Intact	TCN-9010(14)
L1707302-05K	Plastic 250ml HNO3 preserved	B	<2	5.1	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-06A	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06B	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06C	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06D	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/9/17

ALPHA Job #: L1707302

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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: NA

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270	NYTCL-8082	NYTCL-8081	Total Cn	TAL Metals Inc.Hg			Sample Specific Comments	Total Bottles
07302-01	178MW01	3/8/17	0840	GW	DA	X	X	X	X	X	X				11
-02	178MW02		0920	GW	DA	X	X	X	X	X	X				11
-03	178MW03		1000	GW	DA	X	X	X	X	X	X				11
-04	178MW04		1040	GW	DA	X	X	X	X	X	X				11
-05	MWGP01		1130	GW	DA	X	X	X	X	X	X				11
-06	Transport Blank	—	—	GW	—	X									2
				GW											
				GW											
				GW											
				GW											

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

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	V	A	A	A	P	P							
Preservative	B	A	A	A	E	C							

Relinquished By:	Date/Time	Received By:	Date/Time
	3/8/17 1615		3/8/17 1645
			3/9/17 0830

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.

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

Custody Seal

A

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container 6 of 6

Custody Seal

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container # 5 of 6

Custody Seal

C

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container # 3 of 6

EXHIBIT 1

2014 C.T. MALE PHASE I ESA REPORT

(TEXT BODY)

August 27, 2014

Phase I
Environmental Site Assessment
Cottage Place Gardens Site
8 Cottage Place
City of Yonkers
Westchester County, New York

Prepared for:

THE COMMUNITY BUILDERS, INC.
744 Broadway
Albany, New York 12207

Prepared by:

C.T. MALE ASSOCIATES
50 Century Hill Drive
Latham, New York 12110
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C.T. Male Project No: 14.4452

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C.T. MALE ASSOCIATES, ENGINEERING, SURVEYING, ARCHITECTURE & LANDSCAPE ARCHITECTURE, D.P.C.

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
COTTAGE PLACE GARDENS SITE

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SUMMARY

C.T. Male Associates review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental databases, and a site reconnaissance revealed the following with respect to Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), and Controlled Environmental Conditions (CRECs):

	No Further Action	REC	HREC	CREC	Refer to Section
Property Operations	X				2.3
Neighboring Properties	X				2.10
User Provided Information	X				3.0
Regulatory Review - Site	X				4.0
Regulatory Review – Surrounding Properties		X			4.0
Historical Review		X			5.0
Liquid Containing Equipment	X				6.2
Site Drainage	X				6.3
Site Waste Profile	X				6.4
Underground Storage Tanks		X			6.5
Above Ground Storage Tanks	X				6.5
Stressed Vegetation, Staining and Odors	X				6.6

Notes/Recommendations: To understand the subject site and report, the complete report needs to be reviewed. The findings, opinion and conclusions with respect to the subject site are presented in Section 7.0.

1.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) at the Cottage Place Gardens Site which is located in the City of Yonkers, Westchester County, New York. The site assessment was performed at the request of Mr. Jesse Batus of The Community Builders, Inc.

This site assessment has been performed in general conformance with the scope and limitations as outlined in ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with our contract dated August 5, 2014.

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment was to reasonably identify RECs on the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis*[1] conditions are not RECs. A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria. A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A finding of no RECs is not a warranty or guarantee that the site remains free from contamination. The purpose of this report is not intended to include *de minimis* conditions. This report is also not intended to serve as a compliance assessment of the subject property. This environmental site assessment is designed to reduce, but

[1] Conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

not eliminate, uncertainty regarding the potential for RECs in connection with the property, within reasonable limits of time and cost.

1.2 Scope of Work

This environmental site assessment consisted of the following scope of work:

- A site reconnaissance, including a walkthrough of the site buildings and site grounds, to identify areas of potential environmental concern;
- Interviews with site representatives knowledgeable of current and former site operations;
- Review of municipal property records and information provided by local government agencies;
- Review of historical information and documents;
- Review of federal and state agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the property; and
- Preparation of a report documenting the findings of the environmental site assessment.

1.3 Significant Assumptions

The following assumptions are made by C.T. Male Associates in this report. C.T. Male Associates relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property owner contact, computer databases and personal interviews. Except as set forth in this report, C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources, and has assumed that such information is accurate and complete. C.T. Male Associates assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow, unless otherwise specified by other data and information, is assumed based on land surface contours depicted on the United States Geological Survey topographic maps. C.T. Male Associates assumes the property has been correctly and accurately identified by the client and property owner contact.

1.4 Limitations and Exceptions of the Assessment

The information presented in this report is limited to the investigation conducted as described in the referenced ASTM guidelines for conducting environmental site assessments, and is not necessarily all inclusive of conditions present at the subject site. Due to inherent limits of time and cost, uncertainty about site conditions remains. The findings, opinion and conclusions stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the site visit. Specific limitations included the following:

- Access Limitations: None
- Physical Obstructions to Observations: Lack of lighting in the crawl spaces beneath the site buildings limited a clear view of these areas.
- Outstanding Information Requests: City of Yonkers and New York State Department of Health.
- Historical Data Source Failure: None
- Other: The information presented in the report is based on information gathered in accordance with the Scope of Services defined in Section 1 of this report. Information provided by site contacts and local, State and County officials known to be responsible for regulating and enforcing site area environmental conditions was utilized in assessing the environmental conditions at the site. The accuracy of conclusions drawn from this assessment is therefore dependent upon the accuracy of the information provided.

1.5 Special Terms and Conditions

This Phase I Environmental Site Assessment was prepared in accordance with the stated and agreed upon Scope of Work. No special terms and conditions are applicable to this assessment. This site assessment did not include a review of non-scope issues as identified by ASTM E 1527 including asbestos containing materials, radon, lead in drinking water, lead based paint, wetlands, regulatory compliance, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, mold and cultural & historic resources.

1.6 Reliance

This Phase I ESA has been prepared for the sole use of The Community Builders, Inc. The Municipal Housing Authority for the City of Yonkers may rely on this report. This Phase I ESA cannot be relied upon by other parties without the express written consent of C.T. Male Associates and The Community Builders, Inc.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject site is addressed as 8 Cottage Place in the City of Yonkers, Westchester County, New York. The subject site was identified on the City of Yonkers tax maps as being within the parcel with section 2, block 2094, lot 1. A site location map is included in Appendix A as Figure 1. A map showing the site property boundaries is included in Appendix A as Figure 2.

2.2 Property/Business Owner

According to assessment records, the current property owner is the Municipal Housing Authority of the City of Yonkers (MHACY) of Yonkers, New York.

2.3 Current and Former Site Uses

The site has consisted of a public housing apartment complex since its construction in the late 1940's. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as late as 1886.

2.4 Total Site Area and Topographic Description

The subject site incorporates approximately 4.59 acres of land. The northwestern portion of the site containing buildings 10 and 11 and surrounding lands (see Figure 2) is not part of the site. According to the United States Geological Survey (USGS) Topographic Map, the subject site lies at approximately 90 to 130 feet above Mean Sea Level. Generally, the site slopes moderately from east to west.

2.5 Site Geology

Soils are mapped by the United States Department of Agriculture Web Soil Survey as Urban Land.

2.6 Site Buildings and Structures

There are currently 11 apartment buildings on the site. The buildings are numbered 1 to 9, 12 and 13, as depicted on Figure 2. The buildings have red brick exteriors and flat roofs. Interior portions of the building consist of plaster walls and ceilings with tiled and concrete flooring. A summary of the buildings is provided in the following table.

Bldg No's	Description
1 & 2	Each building contains a main ground floor level plus three additional stories. A boiler room, utility room and compactor room are located on the main level in each building. Each building contains a crawl space type basement that is used for utility access. Building 1 contains a public laundry room on the main level. The buildings are not equipped with elevators.
3 - 9 & 13	Each building contains a main ground floor level plus three additional stories. A hot water/utility room and compactor room are located on the main level in each building. Each building contains a crawl space type basement that is used for utility access. Building 5 contains a public laundry room on the main level. Buildings 4 and 5 are each equipped with elevators as these buildings are delegated to senior citizens. Building 8 contains the complex management office and recreation room on the main floor. Building 4 contains a community room on the main floor.
12	Building 12 contains a main ground floor level plus three additional stories. The northern ground level of the building contains a utility room, compactor room and maintenance shop for the site's maintenance personnel. The southern side of the building contains a full basement housing the site's main boiler room. A smoke stack is located at the southeast exterior of the building.

2.7 Site Utilities

Electricity and natural gas are supplied to the site by Con Edison. Municipal water and sewer service are provided by the City of Yonkers. Site buildings 3 to 9, 12 and 13 are heated by hot water radiant heat that is generated from two natural gas fired boilers located in the basement of Building 12. According to the site contact, the boilers were converted to natural gas approximately three years ago. Prior to this, the boilers were fueled by fuel oil stored in underground storage tanks. Buildings 1 and 2 are each heated by hot water radiant heat that is generated from natural gas fired boilers located on the main level of each building. According to the site contact, Buildings 1 and 2 originally obtained their hot water radiant heat from the main boilers in Building 12. Individual boilers were reportedly installed in Buildings 1 and 2 approximately 3 years ago as a result of a faulty hot water supply line into these buildings from the main boiler in Building 12.

2.8 Roadways or Driveways on or Adjoining the Site

The site is accessed from Warburton Avenue (west of the site), Willow Place (adjacent north to the site) and Bishop WM Walls Place (adjacent southeast to the site). Irving Place originates along the eastern side of Warburton Avenue and traverses southern portions of the site. Cottage Place traverses eastern portions of the site and originates at the eastern end of Willow Place and along the northern side of Bishop WM Walls Place.

2.9 Surrounding Land Uses

The surrounding land uses, as identified during the site visit, are described as follows:

North - Willow Place followed by single and multi-family dwellings, and a Church.

West - Buildings 10 and 11 of Cottage Place Gardens, former community gardens, multi-family dwellings, Wood Place, vacant land and an automotive repair facility.

East - Old Croton Aqueduct easement and a Church followed by multi-family dwellings.

South - High rise apartment complex with parking lot and former Public School 6 currently being developed into multi-family housing.

3.0 USER PROVIDED INFORMATION

The user (Jesse Batus of The Community Builders) was provided a "user questionnaire" along with the proposed scope of services. The user returned a completed questionnaire which is included in Appendix C.

Note: In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, (the "Brownfields Amendments"), the user must provide the information outlined in this section. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

3.1 Title Records

A chain of title or other title records were not provided by the user for review at the time of this report.

3.2 Environmental Liens or Activity and Use Limitations

According to the response to the user questionnaire, the user is not aware of environmental liens or activity or use limitations for the site.

It is recommended that the user engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations recorded against or related to the property to satisfy Sections 3.1. and 3.2 of this report.

3.3 Specialized Knowledge

According to the response to the user questionnaire, the user has specialized knowledge of the site. The user is a real estate developer with knowledge of the area from other development initiatives.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the response to the user questionnaire, the user has knowledge of commonly known or reasonably ascertainable information concerning the site. The user indicated that the existing buildings are known to have asbestos-containing materials. Abatement is known to have occurred in some buildings, related to removal of pipe wrap located within some crawl spaces.

3.5 Valuation Reduction for Environmental Issues

Not applicable, this ESA is not being prepared pursuant to the sale of the property.

3.6 Reason for Performing Phase I

The reason for performing this Phase I ESA is for financial transactions/development initiative.

3.7 Other User Provided Information

User provided information was highlighted in Sections 3.3 and 3.4.

4.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal and state environmental databases were reviewed in accordance with ASTM E-1527 Standards to determine if the site or nearby surrounding properties are listed on these databases. The databases were searched for the areas within the ASTM recommended search distance, unless otherwise noted. Reviewed databases are listed below. A copy of the database report is included in Appendix E.

4.1 Federal National Priorities List (NPL) Facilities (Listed and De-Listed)

The subject site was not listed as a NPL hazardous waste facility. One NPL facility was listed within one mile of the subject site, it being the Hudson River PCBs. Based on area topography, the Hudson River does not appear to be located hydraulically up-gradient relative to the subject site.

4.2 Federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Waste Facility List

The subject site was not listed as a CERCLA hazardous waste facility. In addition to the Hudson River PCBs, one CERCLA hazardous waste facility was listed within ½ mile of the subject site. The facility is the Patclin Chemical Company, 66 Alexander Street, located approximately 0.36 miles southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.3 Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities List

The subject site was not listed as a RCRA TSD facility. No RCRA TSD facilities were listed within ½ mile of the subject site.

4.4 Federal RCRA Generators List and Corrective Action List

The subject site was not listed on the RCRA generator list. The site's south adjoining Public School 6 property was listed as a large quantity generator of hazardous levels of lead in relation to remedial activities conducted at this site as part of its inclusion in the NYS Brownfields Cleanup Program.

The subject site was not listed as a RCRA Corrective Action facility. No RCRA Corrective Action facilities were listed within one mile of the subject site.

4.5 Federal Emergency Response Notification System (ERNS) List

The subject site was not listed on the ERNS list.

4.6 Federal Institutional Control and Engineering Control Registries

The subject site was not listed on the Federal Institutional Control or Engineering Control registries.

4.7 State/Tribal Hazardous Waste Facility List

The subject site was not listed as a State or Tribal hazardous waste facility. No State or tribal hazardous waste facilities were listed within one mile of the subject site.

4.8 State/Tribal Solid Waste Facility List

The subject site was not listed on the State or Tribal solid waste facility list. One State listed solid waste facility was listed within ½ mile of the subject site. The facility is Danny's Towing, 98-100 Warburton Avenue, located approximately ¼ mile south of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.9 State Petroleum Bulk Storage (PBS) Tank and Chemical Bulk Storage (CBS) Facilities

The site was not listed on the State PBS or CBS facilities list. However, two underground tanks are known to exist at the site.

NYSDEC Reg. #	Type (AST/UST)	Capacity (Gallons)	Date Installed	Date Removed	Content	Location
NA	UST	20,000	Late 1940's	Not Removed	Fuel Oil	East of Building 12
NA	UST	20,000	Late 1940's	Not Removed	Fuel Oil	East of Building 12

The following immediately adjoining properties were listed on the State PBS or CBS facilities list.

All County Homes Corp. (Former Scott Station)
178 Warburton Ave
Site's western adjoining property

The database report indicates that 11 underground tanks were closed by removal at this facility. The tanks ranged in capacity from 750 to 3,000 gallons.

Yonkers Public School No. 6
33 Ashburton Avenue
Site's southern adjoining property

The database report indicates that a 5,000-gallon underground tank and a 20,000-gallon underground tank were closed by removal at this facility.

4.10 State/Tribal Leaking Storage Tanks List

The site was not listed on the State or Tribal leaking storage tank list. Seventy-six (76) leaking storage tank incidents were listed within ½ mile of the site. Of these all are listed as closed, except for a leaking tank incident at 26 Willow Place, which is the site's northeastern adjoining property and is considered hydraulically upgradient of the site with respect to inferred groundwater flow direction. According to the database report and the NYSDEC Spill Record, an unknown quantity of fuel oil has impacted soils at this property.

4.11 State/Tribal Institutional Control and Engineering Control Registries

The subject site was not listed on State or Tribal Institutional Control or Engineering Control registries.

4.12 State/Tribal Voluntary Cleanup Program (VCP) List

The site was not listed on the state or tribal VCP list. Five VCP facilities and two Environmental Restoration Program (ERP) facilities were listed within ½ mile of the site. Based on area topography, these facilities do not appear to be located hydraulically up-gradient relative to the subject site.

4.13 State/Tribal Brownfields List

The site was not listed on the State or Tribal Brownfields list. Nine Brownfields sites were identified within ½ mile of the subject site. Two of the Brownfields sites adjoin the subject site.

The 188 Warburton Avenue site constitutes the site's northwestern adjoining property. This site has recently entered the Brownfields program and is considered hydraulically downgadient of the site with respect to inferred groundwater flow direction.

The 33 Ashburton Avenue site constitutes the site's southeastern adjoining property. C.T. Male Associates was the environmental consultant during all phases of remediation. The 33 Ashburton Avenue site received a Certificate of Completion from NYSDEC in 2013. During the course of the remedial activities, it was discovered that petroleum impacted soils and groundwater were present at the northern property boundary of the 33 Ashburton Avenue site and that these contaminants had migrated onto the subject site. The source of the petroleum contamination on the 33 Ashburton Avenue site was determined to be from an off-site former gasoline station located immediately east of the 33 Ashburton Avenue site. Contaminants extending beyond the 33 Ashburton Avenue site boundaries were not remediated as a function of the brownfields cleanup.

4.14 Applicable State Lists

The New York State Department of Environmental Conservation (NYSDEC) spills database was reviewed to determine if spills have occurred at the subject site or adjoining parcels. No spills were listed for the subject site.

The following spills were listed for the immediately adjoining parcels.

Fisher
26 Willow Place
Site's NE adjoining property
Spill Status: Closed

Habitat for Humanity
27 Willow Place
Site's northern adjoining property
Spill Status: Closed

188 Warburton Ave. Site
188 Warburton Avenue
Site's NW adjoining property
Spill Status: Closed

Ame Zion Church
42 Bishop Walls Place
Site's SE adjoining property
Spill Status: Closed

5.0 RECORDS REVIEW AND INTERVIEWS

5.1 Previous Environmental Site Assessments

No previous environmental site assessments are reported to have been conducted for the subject site.

5.2 Aerial Photographs

Aerial photographs were reviewed for the years 2005 and 2010 from Google Earth and for the years 1954, 1966, 1974, 1989 and 1994 as provided by Environmental Data Resources (EDR). All of the reviewed photos depict multiple buildings on the subject site consistent with present day usage.

The aerial photographs are included in Appendix A as Figures 3A-3G. The boundaries depicted on the photographs are for schematic purposes only and do not represent the actual boundaries of the site.

5.3 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were reviewed for the years 1886, 1898, 1917, 1942, 1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004. The maps depict the following:

1886, 1898, 1917 and 1942 maps: These maps show the site developed with multiple structures used as single and multi-family dwellings and as stores. Three roads transect the site; Irving Place, Wood Place and Cottage Place. A structure identified as a "Garage" is depicted on the 1917 map on southeastern portions of the site.

1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004 maps: These maps show the site developed with multiple apartment buildings consistent with present day conditions.

The Sanborn maps are included in Appendix A as Figures 4A-4M. Boundaries depicted on the maps are for schematic purposes only and do not represent the actual boundaries of the site.

5.4 Information From Local Official(s)

A Freedom of Information Law (FOIL) request was submitted to the City of Yonkers Clerk requesting documents from the following departments: Assessment, Building Department, Historian, Engineering, Fire Department and Clerk. At the time of this

report a response had not been received from the City of Yonkers. If pertinent information is received, it will be forwarded upon receipt.

Property assessment records were reviewed on-line from Landmax Data Systems.

5.5 Information From Health Department Official(s)

A FOIL request was submitted to the New York State Department of Health to determine if the Department of Health has records concerning soil or groundwater contamination for the subject site. At the time of this report a response had not been received from the Department of Health. If pertinent information is received, it will be forwarded upon receipt.

5.6 Information From Current or Former Property Owner(s)

Juaquin Padilla, Deputy Director of Field Operations Maintenance for MHACY was the site contact for this assessment and acted as a representative of the current property owner. Mr. Padilla was interviewed after the site visit. MHACY maintenance personnel provided a tour of the site buildings and grounds.

The current property owner representative was not aware of environmental liens or activity/land or use limitations for the site. Other information from Mr. Padilla is included in the appropriate sections of this report.

5.7 Information From the Site Manager

Mr. Padilla acted as the site manager.

5.8 Information from the Site Occupants

Tenants of Cottage Place Gardens were not available for interviews.

Records of communication are included in Appendix D.

6.0 SITE RECONNAISSANCE

6.1 Conditions of the Reconnaissance

6.1.1 Site Contact(s)

Juaquin Padilla and John VanNostrand (Maintenance Director) of MHACY were the site contacts and were present during the site visit. MHACY maintenance personnel provided access to the buildings.

6.1.2 Date of Visit

The site reconnaissance was conducted on Thursday, August 14, 2014 by Mr. Steve Bieber of C.T. Male Associates. During the site visit the weather was approximately 80°F with partly cloudy skies.

6.1.3 Areas Observed

The site and surrounding areas were observed from Warburton Avenue, Irving Place, Willow Place, Cottage Place and the approximate site boundaries. The central areas of the site were traversed and the buildings entered. Photographs taken during the site visit are included in Appendix B.

6.1.4 Limiting Conditions

Maintenance personnel did not have access to a storage room in Building 3. Limited lighting in the basement crawlspaces beneath the buildings limited a clear view of conditions within these areas.

6.2 Polychlorinated Biphenyl-Containing (PCB)/Liquid Containing Equipment

One pole-mounted transformer was identified on the site along the south side of Irving Place. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

The site contact indicated that there are no transformers or capacitors on the subject site.

6.3 Site Drainage

6.3.1 Site Catch Basins and Discharge Location(s)

Several catch basins were identified in grassy, concrete and asphalt covered areas throughout the site. According to the site contact, the catch basins discharge to the

City of Yonkers storm water sewer system. Staining was not observed in media surrounding the catch basins.

6.3.2 Site Surface Water Bodies/Areas

No surface water bodies were identified on the site during the site visit.

6.3.3 Building Floor Drains and Discharge Location(s)

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within all of the buildings, and in the boiler rooms in Buildings 1, 2 and 12. According to the site contact, all floor drains discharge to the City of Yonkers sanitary sewer system. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

6.3.4 Dry Wells and Sumps

No dry wells or sumps were identified on the site during the site visit. According to the site contact, no dry wells or sumps are located on the site.

6.4 Site Waste Profile

6.4.1 Solid Wastes/Waste Deposits (Piles/Pits/Landfills/Lagoons)

No solid wastes were identified on the site during the site visit. According to the site contact, no solid wastes are generated, stored or disposed of on the site. Refuse generated by the site tenants is temporarily stored in garbage compactors located in each of the site buildings.

No waste deposits were identified on the site during the site visit. The site contact was not aware of waste deposits being located on the site.

6.4.2 Sludges (Generation/Storage/Disposal)

No sludge wastes were identified on the site during the site visit. According to the site contact, no sludges are generated, stored or disposed of on the site.

6.4.3 Liquids (Generation/Storage/Disposal)

No liquid wastes were identified on the site during the site visit. According to the site contact, no liquid wastes are generated, stored or disposed of on the site.

6.4.4 Wastewater Discharge(s)

No wastewater discharges were identified on the site during the site visit. According to the site contact, no wastewater is generated on the site.

6.4.5 Waste Lagoons or Disposal Pits (Current and Historic)

No waste lagoons or disposal pits were identified on the site during the site visit. According to the site contact, no current or historic waste lagoons or disposal pits are located on the site.

6.4.6 On-site Septic Systems

No septic systems were identified on the site during the site visit. The site is reportedly connected to the City of Yonkers municipal sewer system.

6.4.7 Drums/Containers

No drums of waste were identified on the site during the site visit. According to the site contact, no drums of waste are stored on the site.

55-gallon drums of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of floor stripper and cleaning products were observed in the maintenance shop in Building 12. The containers ranged in size from less than one quart to five gallons. The containers were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

6.5 Underground Storage Tanks (USTs) and/or Above Ground Storage Tanks (ASTs)

Two, 20,000-gallon underground fuel oil tanks are located on the site adjacent east of Building 12. The site contact indicated that the tanks were installed in 1948 and have been used to store fuel oil for the boilers up until approximately three years ago, when the boilers were converted to accept natural gas as a fuel. The site contact indicated that the tanks have been emptied out and that the tanks have passed all tank tightness testing. The most recent tank tightness testing conducted in July 2014

is included in Appendix D. The site contact indicated that there are no other underground and aboveground tanks on the site.

Small, approximate five to 10 gallon aboveground steel tanks containing hydraulic oil are located in the trash compactor rooms in each of the site buildings and in the elevator rooms in Buildings 4 and 5. The tanks did not appear to be leaking and liquids and heavy staining was not observed on flooring surrounding the tanks.

6.6 Observed Evidence of Potential or Known Site Contamination

6.6.1 Evidence of Soil Contamination/Liquid Discharges

Evidence of soil contamination or liquid discharges was not identified on the site during the site visit. Stressed vegetation was not identified on the site during the site visit. The site contact was not aware of soil or groundwater contamination from either on-site or off-site sources.

6.6.2 Soil or Surface Disturbances

No soil or surface disturbances were identified on the site during the site visit.

7.0 FINDINGS, OPINION AND CONCLUSIONS

7.1 Findings

The site has consisted of a public housing apartment complex since its construction in the late 1940's. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as late as 1886.

The site was not identified in the searched environmental databases.

The site's northeast adjoining 26 Willow Place property was identified in the searched environmental databases as a Leaking Tanks site. According to the database report and the NYSDEC Spill Record, an unknown quantity of fuel oil has impacted soils at this property. The 26 Willow Place property is considered hydraulically upgradient of the site with respect tom inferred groundwater flow direction.

Petroleum impacted groundwater that has migrated through the 33 Ashburton Avenue Brownfields site from an off-site upgradient source has impacted the subject site.

A 1917 historic Sanborn map identified a structure labeled as a "Garage" on southeastern portions of the site.

One pole-mounted transformer was identified on the site along the south side of Irving Place. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within all of the buildings, and in the boiler rooms in Buildings 1, 2 and 12. According to the site contact, all floor drains discharge to the City of Yonkers sanitary sewer system. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

55-gallon drums of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of floor stripper and cleaning products were observed in the maintenance shop in Building 12. The containers ranged in size from less than one quart to five

gallons. The containers were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Two, 20,000-gallon underground fuel oil tanks are located on the site adjacent east of Building 12. The site contact indicated that the tanks were installed in 1948 and have been used to store fuel oil for the boilers up until approximately three years ago, when the boilers were converted to accept natural gas as a fuel. The site contact indicated that the tanks have been emptied out and that the tanks have passed all tank tightness testing. The site contact indicated that there are no other underground and aboveground tanks on the site.

Small, approximate five to 10 gallon aboveground steel tanks containing hydraulic oil are located in the trash compactor rooms in each of the site buildings and in the elevator rooms in Buildings 4 and 5. The tanks did not appear to be leaking and liquids and heavy staining was not observed on flooring surrounding the tanks.

7.2 Opinion

It is our opinion that the information and data collected during this Phase I ESA indicates the possible presence of hazardous substances or petroleum product within the site under conditions which indicate an existing release, past release or material threat of a release.

7.3 Conclusions

C.T. Male Associates has completed a Phase I Environmental Site Assessment for the Cottage Place Gardens Site in general conformance with the scope and limitations of ASTM Practice E 1527. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

A leaking fuel oil tank has impacted soils on the site's northeast adjoining 26 Willow Place property, which is located hydraulically upgradient of the subject site with respect to inferred groundwater flow direction.

Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields site have migrated onto the subject site.

A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portions of the site.

Two, out of service, 20,000 gallon underground fuel oil tanks are currently located beneath the site, adjacent east of Building 12. The tanks were taken out of service approximately three years ago when the site boilers were converted to natural gas.

7.4 Opinion Regarding Further Inquiry

Based on the findings of this ESA, further inquiry would be necessary, as follows.

Conduct a subsurface investigation to aid in the collection of soil/fill and groundwater samples for subjective and laboratory analysis to determine potential site impacts from off-site sources (26 Willow Place Leaking Tanks site and 33 Ashburton Avenue Brownfields site), from the historic on-site garage structure, from the existing on-site underground storage tanks and supply line, and the fill materials used in the development of the site in the 1940s.

8.0 DEVIATIONS AND ADDITIONAL SERVICES

Deletions or deviations from the ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, are described in Section 1.0 of this report.

No additional services beyond the scope of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process were completed in conjunction with this Phase I ESA.

9.0 SIGNATURES

We declare that, to the best of our professional knowledge and belief we meet the definition of Environmental Professional as defined in 312.21 of 40 CFR Part 312. And we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,
C.T. MALE ASSOCIATES



Steve Bieber
Environmental Scientist

Reviewed and Approved By:



Kirk Moline
Project Manager

CTMA Project No. 14.4452
August 27, 2014
T:\14.4452\Submissions and Presentations\R Cottage Place Phase I ESA_FINAL_8.27.2014.pdf

10.0 REFERENCES

PEOPLE AND AGENCIES CONTACTED

- Jesse Batus, The Community Builders, Inc.
- Juaquin Padilla, The Municipal Housing Authority for the City of Yonkers.
- John VanNostrand, The Municipal Housing Authority for the City of Yonkers.
- City of Yonkers Historian.
- City of Yonkers Building Department.
- City of Yonkers Assessor's Office.
- City of Yonkers Fire Department.
- City of Yonkers Clerk's Office.
- City of Yonkers Engineer's Office.
- New York State Department of Health.

DOCUMENTS REVIEWED

- Aerial Photographs of the Yonkers Quadrangle for the years: 1954, 1966, 1974, 1989 and 1994 courtesy of Environmental Data Resources, Inc. Aerial Photographs of the Yonkers Quadrangle for the years: 2005 and 2010 courtesy of Google Earth.
- Environmental Database Report provided by Environmental Data Resources, Inc.
- Fire Insurance Maps from the Sanborn Map Company Archives. Late 19th Century to 1990: New York University Publications of America. Bethesda, Maryland (New York State Library).
- On-line assessment records provided by Landmax Data Systems.
- United States Department of Agriculture, Natural Resource Conservation Service, Web Soil Survey.
- United States Geological Survey Topographic Map of the Yonkers, NY Quadrangle, 1998, 7.5 Minute Series.

EXHIBIT 2

2015 C.T. MALE PHASE II ESA REPORT

(FULL REPORT)

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 www.ctmale.com

February 24, 2015

Mr. Jesse Batus
The Community Builders, Inc.
744 Broadway
Albany, NY 12207

Re: Phase II Environmental Site Assessment (ESA)
Cottage Place Gardens Site
City of Yonkers, Westchester County, New York
C.T. Male Project No. 14.4452

Dear Mr. Batus:

C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) has competed a Phase II Environmental Site Assessment (ESA) for the above listed site. The Phase II ESA was conducted to evaluate recognized environmental conditions (RECs) identified during the course of a Phase I ESA conducted on the site in August 2014 and documented in C.T. Male Associates' Phase I ESA Report, dated August 27, 2014. RECs identified in the Phase I ESA Report included the following.

- A leaking fuel oil tank has impacted soils on the site's northeast adjoining 26 Willow Place property, which is located hydraulically upgradient of the subject site with respect to inferred groundwater flow direction to the west.
- Petroleum impacted soils and groundwater identified on the site's southeast adjoining 33 Ashburton Avenue Brownfields site were documented to have extended onto the subject site.
- A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portions of the site.
- Two, out of service, 20,000 gallon underground fuel oil tanks are currently located beneath the site, adjacent east of Building 12. The tanks were taken out of service approximately three years ago when the site boilers were converted to natural gas.

The Phase II ESA was conducted to evaluate subsurface conditions and the overall environmental quality of site soils and groundwater. The Phase II ESA involved the advancement of 17 soil borings and installation of 16 monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. Advancement of the test borings also aided in evaluating the site's subsurface conditions. Site Location and Site Features Maps are attached as Figures 1 and 2, respectively in Attachment A.

Method of Investigation

Ground Penetrating Radar Survey

Prior to the commencement of the test boring activities, a Ground Penetrating Radar (GPR) survey was conducted at the site on November 21 and December 3, 2014 by New York Leak Detectors, Inc. (NYLD). The GPR was conducted to primarily aid in identifying the presence of underground utilities at the boring locations. It was also performed to evaluate for the presence of anomalies that may be representative of underground storage tanks, septic systems, dry wells or other subsurface disposal systems within the boundaries of the utility mark outs. Note that the GPR survey is a field method used to identify anomalies which may or may not represent underground storage tanks, utility lines or other buried structures/vessels, and further, if anomalies are not identified such a result is not a guarantee that underground storage tanks or other features do not exist beneath the site.

Test Borings

Seventeen borings depicted as B-A to B-Q were completed at the approximate locations depicted on Figure 2. The borings were completed on December 3, 4 and 5, 2014 by Aquifer Drilling & Testing, Inc. (ADT) employing direct-push methods utilizing a track-mounted Geoprobe unit. A C.T. Male representative was on-site for observing the drilling activities, collection of data, screening of recovered samples and selecting samples for laboratory analysis.

As depicted on Figure 2, 7 of the 17 borings were completed in the vicinity of Buildings 3, 6 and 7; which is the area of the site that will reportedly undergo the next phase of

redevelopment. Borings B-C, B-K, B-L and B-Q were completed in asphalt paved areas of the site and the remaining borings were completed within vegetated portions of the site. Borings B-F and B-G were completed in areas of the site assumed to be hydraulically downgradient of the spill identified at 26 Willow Place in the Phase I ESA. Borings B-L, B-M and B-N were completed in areas of the site assumed to be hydraulically downgradient of known petroleum contaminants in soil and groundwater identified at the 33 Ashburton Avenue site in the Phase I ESA report. Boring B-K was completed in the approximate location of a former garage identified on the southeastern portion of the site in the Phase I ESA report. Boring B-Q was completed in the vicinity of two existing 20,000-gallon underground tanks that once contained fuel oil for the apartment complex heating system.

Samples were collected at 2.5-foot intervals and visually classified in the field by a C.T. Male environmental scientist. The soil classifications for each boring are presented on the Subsurface Exploration Logs in Attachment C.

The recovered samples were subjectively screened in the field for potential impacts employing headspace analysis for organic vapors utilizing a photo ionization detector (PID) and organoleptic (sight and smell) perception. Field screening results are presented on the Organic Vapor Headspace Analysis Logs in Attachment D. One sample from each of the test boring was submitted for laboratory analysis. The selection of the samples for laboratory analysis was based on perceived evidence of subjective impacts and the occurrence of uncontrolled soil/fill materials. The samples were analyzed for the Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and PCBs, and the Target Analyte List (TAL) for metals including cyanide. Quality Assurance/Quality Control (QA/QC) samples consisting of a matrix spike (MS), matrix spike duplicate (MSD), duplicate and equipment blank were also submitted for laboratory analysis. The laboratory analysis was performed by Chemtech of Mountainside, New Jersey.

Monitoring Well Installation and Groundwater Sampling

Borings B-B to B-Q were converted to one (1)-inch diameter PVC monitoring wells that were protected with flush mounted curb boxes. Monitoring well construction logs are

provided in Attachment E. Soil boring B-A was not converted to a monitoring well due to shallow refusal (9.6 feet below grade) and the absence of moisture (groundwater) within the soils. Groundwater samples were collected from select monitoring wells on January 13 and 14, 2015. Due to the absence of groundwater in the monitoring wells, groundwater samples were not collected from monitoring wells MW-C to MW-K, MW-O and MW-Q. Sufficient groundwater for sample collection was present in monitoring wells MW-B, MW-L, MW-M, MW-N and MW-P. Prior to collection of groundwater samples, the monitoring wells containing sufficient groundwater were purged dry using a peristaltic pump with dedicated tubing. The wells were then sampled employing standard groundwater sampling protocols and forwarded to Chemtech for laboratory analysis. Due to limited volume of groundwater, monitoring wells MW-B, MW-L and MW-M were analyzed for TCL VOCs and TAL metals only, and monitoring well MW-P was analyzed for TCL VOCs, TCL SVOCs and TAL metals only. Monitoring well MW-N produced sufficient groundwater volume for analysis for the TCL VOCs, SVOCs, pesticides, and PCBs, the TAL for metals, and cyanide. QA/QC samples (MS, MSD, duplicate and equipment blank) were also submitted for laboratory analysis. Due to the limited volume of groundwater within the sampled wells, field parameters (pH, conductivity, temperature and turbidity) were not logged during collection of the groundwater samples.

Findings

GPR Survey

Anomalies that may be representative of unknown underground storage tanks, septic systems, dry wells or other subsurface disposal systems were not identified within the GPR survey boundaries for the utility mark out at boring locations. The GPR survey identified the southern boundary of the known underground fuel tanks at the east exterior of Building 12 to aid in determining the field location of boring B-Q. The NYLD Report is presented in Attachment F.

Subsurface Conditions

Test borings B-C, B-K, B-L, B-O and B-Q were completed within asphalt paved areas of the site. The remainder of the borings were completed within vegetated portions of the site. Subsurface conditions at each of the borings generally consisted of brown sand and silt with varying percentages of gravel, or brown sand with varying percentages of silt and gravel. Fill material, consisting primarily of red brick and ash with less frequent occurrences of cinder and coal, was encountered in all of the borings with the exception of borings B-H, B-M and B-P. The fill material was primarily encountered from the ground surface to 5 feet below grade and extended as deep as 8 feet below grade at 1 boring location (B-J). Concrete was encountered at 12 feet below grade at test boring B-H, which is located adjacent south of Building 3. The following table summarizes the depth intervals where the fill material was encountered and the type of material encountered.

Boring	Depth Interval (ft)	FILL MATERIALS						
		Sand	Silt	Gravel	Red Brick	Cinder	Ash	Coal
B-A	2.5-5	X	X	X	X		X	
B-B	2-3	X	X	X	X			
B-C	0-5	X	X	X	X		X	
B-D	1-2	X	X	X	X		X	
B-E	3-5	X	X		X	X		
B-F	0-2	X	X	X	X			
B-G	0-5	X	X	X	X		X	
B-I	2-5	X	X	X		X		X
B-J	2-8	X	X		X		X	
B-K	2-5	X	X	X	X			
B-L	0-2	X			X		X	

Boring	Depth Interval (ft)	FILL MATERIALS						
		Sand	Silt	Gravel	Red Brick	Cinder	Ash	Coal
B-N	1-3	X	X	X	X		X	X
B-O	0-4	X	X	X	X		X	
B-Q	0-0.5	X	X		X			

Fill materials consisting of red brick, cinders, ash and/or coal were not observed in soils recovered from test borings B-H, B-M and B-P.

The recovered soils became moist at depths that ranged from 2 feet below grade at test boring B-M to 10 feet below grade at test borings B-B and B-C. Wet soil conditions were not encountered in any of the borings and moist soil conditions were not encountered in borings B-H, B-M and B-P. Drilling refusal was encountered at each of the test borings at depths ranging from 9.1 feet below grade at test boring B-E to 16.1 feet below grade at test borings B-G and B-H. Based on drilling conditions encountered at the site's southeast adjoining 33 Ashburton Avenue Brownfields site, refusal was likely related to the presence of large cobbles and boulders at these depths.

Groundwater Conditions

The site slopes moderately to steeply from east to west towards the Hudson River. Based on the soil types encountered and knowledge relating to groundwater movement on both the 188 Warburton Avenue site (site's west adjoining property) and 33 Ashburton Avenue site (site's southeast adjoining property), and in consideration of the site and area topography, groundwater movement within the site is expected to be generally from the southeast to the northwest.

Subjective Analysis of Soil/Fill Samples

As presented in the Organic Vapor Headspace Analysis Logs (Attachment D), subjective impacts to soils were not encountered at any of the test borings. All PID readings were below 3 parts per million (ppm) and the recovered soil samples did not exhibit staining and/or chemical/petroleum-type odors.

Soil Sampling Laboratory Analytical Results

Analytical summary results for the samples are presented in Table 1 in Attachment B. The full analytical results are presented in Attachment G. The analytical results were compared to Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375. Parameters exceeding SCOs are highlighted in Table 1 and presented graphically in Figure 3 (Soil Exceedences) in Attachment A.

The following table summarizes the depth intervals the soil/fill were collected from for laboratory analysis. As shown, the samples collected for laboratory analysis were generally representative of fill materials, with the exception of samples collected from borings B-H, B-M and B-P, where fill materials were not encountered.

Boring	Fill Depth Interval (ft)	Sampling Depth Interval (ft)	FILL MATERIALS						
			Sand	Silt	Gravel	Red Brick	Cinder	Ash	Coal
B-A	2.5-5	2.5-5	X	X	X	X		X	
B-B	2-3	2.5-5	X	X	X	X			
B-C	0-5	2.5-5	X	X	X	X		X	
B-D	1-2	2.5-5	X	X	X	X		X	
B-E	3-5	2.5-5	X	X		X	X		
B-F	0-2	0-2.5	X	X	X	X			
B-G	0-5	2.5-5	X	X	X	X		X	
B-H	None	2.5-5							
B-I	2-5	2.5-5	X	X	X		X		X
B-J	2-8	5-7.5	X	X		X		X	
B-K	2-5	2.5-5	X	X	X	X			
B-L	0-2	0-2.5	X			X		X	
B-M	None	5-7.5							

Boring	Fill Depth Interval (ft)	Sampling Depth Interval (ft)	FILL MATERIALS						
			Sand	Silt	Gravel	Red Brick	Cinder	Ash	Coal
B-N	1-3	0-2.5	X	X	X	X		X	X
B-O	0-4	0-2.5	X	X	X	X		X	
B-P	None	7.5-9.2							
B-Q	0-0.5	0.5-2.5	X	X		X			

Fill materials consisting of red brick, cinders, ash and/or coal were not observed in soils recovered from test borings B-H, B-M and B-P.

As depicted in Table 1 in Attachment B, 3 VOCs, 2 pesticides and 1 PCB congener were detected at concentrations above the laboratory's method detection limit, but below Unrestricted Use SCOs. The VOCs were detected in several of the samples. The pesticides and PCBs were detected in select samples.

Twenty-three SVOCs were detected above the laboratory's method detection limit, with 7 SVOCs (Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene and Dibenzo(a,h)anthracene) detected above SCOs. All 7 SVOCs were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring B-K, which is located beneath asphalt-paved areas in the southeastern portion of the site in the vicinity of the historic garage structure identified in the Phase I ESA. Two SVOCs (Chrysene and Benzo(b)fluoranthene) were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring B-E, which is located at the southwestern corner of Building 7.

Twenty-two (22) metals were detected above the laboratory's method detection limit with 4 metals (copper, lead, mercury and zinc) detected at concentrations exceeding SCOs. Copper was detected above its SCO of 50 ppm at 2 of 17 sampling locations with a concentration range of 52.9 to 71.2 ppm. Lead was detected above its SCO of 63 ppm at 12 of 17 sampling locations with a concentration range of 82.3 to 1,410 ppm. Mercury was detected above its SCO of 0.18 ppm at 11 of 17 sampling locations with a concentration range of 0.183 to 0.820 ppm. Zinc was detected above its SCO of 109 ppm at 11 of 17 sampling locations with a concentration range of 111 to 521 ppm.

Groundwater Sampling Laboratory Analytical Results

Analytical summary results for the groundwater samples are presented in Table 2 in Attachment B. The full analytical results are presented in Attachment H. The analytical results were compared to NYSDEC groundwater standards and guidance values promulgated in the NYS Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), dated June 1998. Parameters exceeding groundwater standards and guidance values are highlighted in Table 2 and presented graphically in Figure 4 (Groundwater Exceedences) in Attachment A.

As discussed in the previous section entitled "Monitoring Well Installation and Groundwater Sampling", due to limited groundwater volume, monitoring wells MW-B, MW-L and MW-M were analyzed for TCL VOCs and TAL metals only, monitoring well MW-P was analyzed for TCL VOCs, TCL SVOCs and TAL metals only, and monitoring well MW-N contained sufficient groundwater volume for analysis for the TCL VOCs, SVOCs, pesticides, and PCBs, the TAL for metals, and cyanide. Due to the absence or insufficient groundwater volume, groundwater samples were not collected from monitoring wells MW-C to MW-K, MW-O and MW-Q.

Pesticides and PCBs were not detected above the laboratory's method detection limit.

Three VOCs were detected above the laboratory's method detection limit with 2 VOCs detected above groundwater standards and guidance values. Acetone was detected above its guidance value of 50 parts per billion (ppb) at monitoring well MW-P (100 ppb), which is located in the vicinity of Building 12. 1,2-Dichloropropane was detected above its standard of 1 ppb at monitoring well MW-L (1.6 ppb), which is located hydraulically downgradient to the 33 Ashburton Avenue Brownfields site.

Three SVOCs were detected above the laboratory's method detection limit with 1 SVOC detected above groundwater standards and guidance values. Phenol was detected above its standard of 1 ppb ay monitoring well MW-P (2 ppb), which is located in the vicinity of Building 12.

Twenty-one metals were detected above the laboratory's method detection limit with 7 metals (Chromium, Iron, Lead, Magnesium, Manganese, Mercury and Sodium) detected above standards and guidance values. Chromium was detected above its

groundwater standard of 50 ppb at 3 of 5 sampling locations within a concentration range of 66.5 to 119 ppb. Iron was detected above its groundwater standard of 300 ppb at 5 of 5 sampling locations within a concentration range of 2,210 to 48,100 ppb. Lead was detected above its groundwater standard of 25 ppb at 3 of 5 sampling locations within a concentration range of 76.8 to 459 ppb. Magnesium was detected above its groundwater guidance value of 35,000 ppb at 1 of 5 sampling locations at a concentration of 45,000 ppb. Manganese was detected above its groundwater standard of 300 ppb at 4 of 5 sampling locations within a concentration range of 772 to 7,370 ppb. Mercury was detected above its groundwater standard of 0.7 ppb at 1 of 5 sampling locations at a concentration of 4.76 ppb. Sodium was detected above its groundwater standard of 20,000 ppb at 5 of 5 sampling locations with a concentration range of 32,000 to 1,198,700 ppb.

Conclusions

C.T. Male Associates has completed its Phase II ESA of the Cottage Place Gardens site. The following conclusions are made based on the findings of the investigations completed.

- The GPR survey did not identify anomalies that may be representative of unknown underground storage tanks, septic systems, dry wells or other subsurface disposal systems within the boundaries of the utility mark outs at the selected boring locations.
- Subsurface conditions at all of the borings generally consisted of brown sand and silt with varying percentages of gravel, or brown sand with varying percentages of silt and gravel. Fill material, consisting primarily of red brick and ash with less frequent occurrences of cinder and coal, was encountered in all of the borings with the exception of borings B-H, B-M and B-P. The fill material was generally encountered from the ground surface to 5 feet below grade and extended as deep as 8 feet below grade at 1 boring location (B-J).
- The site slopes moderately to steeply from east to west towards the Hudson River. Based on the soil types encountered and knowledge relating to

groundwater movement on both the 188 Warburton Avenue site (site's west adjoining property) and 33 Ashburton Avenue site (site's southeast adjoining property), and in consideration of the site and area topography, groundwater movement within the site is expected to be generally from the southeast to the northwest.

- Subjective impacts to soils were not encountered at any of the test borings. All PID readings were below 3 parts per million (ppm) and the recovered soil samples did not exhibit staining and/or chemical/petroleum-type odors.
- Seven SVOCs were detected above SCOs in soil/fill materials at the 2.5 to 5 foot depth interval at test boring B-K, which is located in the southeastern portion of the site. Two SVOCs were detected above SCOs in soil/fill materials at the 2.5 to 5 foot depth interval at test boring B-E, which is located in the vicinity of Building 7.
- Four metals were detected above SCOs in samples collected from the test borings. Copper was detected above its SCO at 2 of 17 test borings. Lead was detected above its SCO at 12 of 17 test borings. Mercury was detected above its SCO at 11 of 17 test borings. Zinc was detected above its SCO at 11 of 17 test borings. Based on the foregoing, lead, mercury and zinc above SCOs appear to be widespread across the site. Copper is isolated to two locations in the central (test boring B-A) and southeastern (test boring B-K) portion of the site.
- Two VOCs were detected above groundwater standards and guidance values at 2 monitoring wells. Acetone was detected above its guidance value at monitoring well MW-P, which is located in the vicinity of Building 12. 1,2-Dichloropropane was detected above its groundwater standard at monitoring well MW-L, which is located at the southeastern corner of the site.
- One SVOC (Phenol) was detected above its groundwater standard at monitoring well MW-P, which is located in the vicinity of Building 12.
- Seven metals were detected in groundwater above standards and guidance values. Chromium was detected at 3 of 5 monitoring wells, Iron was detected at 5 of 5 monitoring wells, Lead was detected at 3 of 5 monitoring wells,

Magnesium was detected at 1 of 5 monitoring wells, Manganese was detected at 4 of 5 monitoring wells, Mercury was detected at 1 of 5 monitoring wells, and Sodium was detected at 5 of 5 monitoring wells. Iron, magnesium and manganese are viewed as naturally occurring metals. Sodium detections are attributed to the application of road salt on nearby roads and roads that transect the site.

Do not hesitate to contact the undersigned at 518.786.7400, s.bieber@ctmale.com or k.moline@ctmale.com should you have any questions regarding this Phase II ESA report.

Respectfully,

C.T. MALE ASSOCIATES

Steve Bieber
Environmental Scientist

Kirk Moline
Managing Geologist

Attachments

Attachment A:	Figures
Attachment B:	Tables
Attachment C:	Subsurface Exploration Logs
Attachment D:	Organic Vapor Headspace Analysis Logs
Attachment E:	Monitoring Well Construction Logs
Attachment F:	NYLD Report
Attachment G:	Full Analytical Results – Soils
Attachment H:	Full Analytical Results - Groundwater

ATTACHMENT A

FIGURES

Image Provided By ESRI Street Map



Boundaries are approximate

COTTAGE PLACE GARDENS
CITY OF YONKERS
WESTCHESTER COUNTY, NEW YORK

N

Not to Scale

Figure 1

Site Location Map
2/9/2015
Drawn By: S. Bieber



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0 40 80 Feet

1 inch = 80 feet

Project Number: 14.4452
Data Source: NYSGIS Clearinghouse
Projection: NY State Plane East NAD 83 (ft)
Date: August 19, 2014
File: Fig2_CottagePlaceGardens.mxd
GIS: CHay

Legend

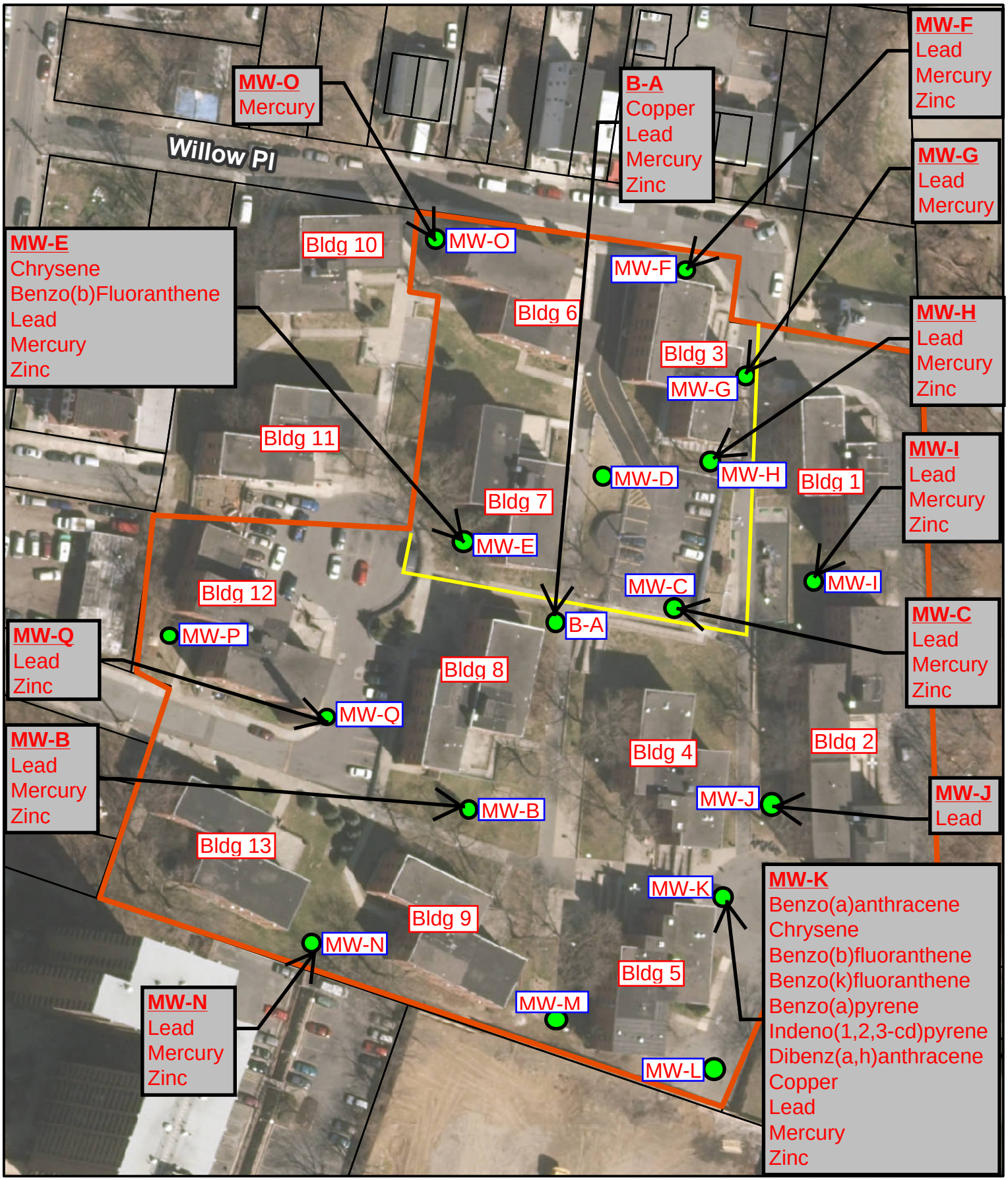
Project Site
Cottage Place Gardens

Tax Parcels

Figure 2: Site Features Map

City of Yonkers **Westchester County, New York**

C.T. MALE ASSOCIATES
ENGINEERING, SURVEYING, ARCHITECTURE & LANDSCAPE ARCHITECTURE, D.P.C
50 CENTURY HILL DRIVE, LATHAM, NEW YORK 12110
(518) 786-7400 * FAX (518) 786-7299 * WWW.CTMALE.COM
FOUNDED IN 1910



N
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0 40 80 Feet

1 inch = 80 feet

Project Number: 14.4452
Data Source: NYSGIS Clearinghouse
Projection: NY State Plane East NAD 83 (ft)
Date: August 19, 2014
File: Fig2_CottagePlaceGardens.mxd
GIS: CHay

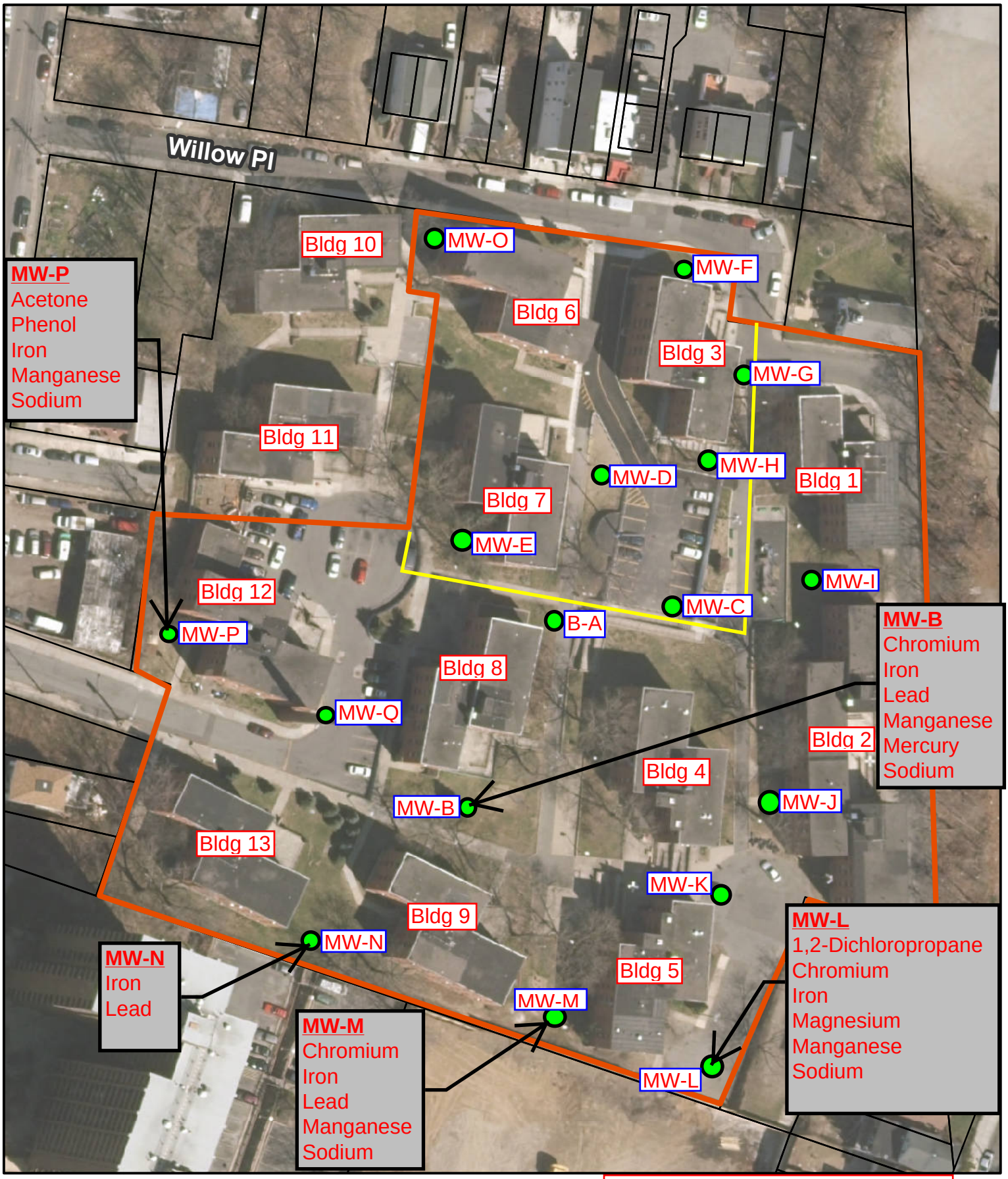
Legend

Project Site
Cottage Place Gardens

Tax Parcels

Figure 3: Soils Exceeding Unrestricted Use SCOs

City of Yonkers **Westchester County, New York**



0 40 80 Feet

1 inch = 80 feet

Project Number: 14.4452
Data Source: NYSGIS Clearinghouse
Projection: NY State Plane East NAD 83 (ft)
Date: August 19, 2014
File: Fig2_CottagePlaceGardens.mxd
GIS: CHay

Legend

Project Site
Cottage Place Gardens

Tax Parcels

Figure 4: Groundwater Exceeding Standards and Guidance Values

City of Yonkers Westchester County, New York

ATTACHMENT B

TABLES

TABLE 1: SOIL ANALYTICAL RESULTS SUMMARY
COTTAGE PLACE GARDENS SITE
CITY OF YONKERS, WESTCHESTER COUNTY, NEW YORK

PARAMETER	CAS #	6 NYCRR 375 UNRESTRICTED USE SCOs	B-A(2.5-5) Soil mg/kg	B-B(2.5-5) Soil mg/kg	B-C(2.5-5) Soil mg/kg	B-D(2.5-5) Soil mg/kg	B-E(2.5-5) Soil mg/kg	B-F(0-2.5) Soil mg/kg	B-G(2.5-5) Soil mg/kg	B-H(2.5-5) Soil mg/kg	B-I(2.5-5) Soil mg/kg	B-J(5-7.5) Soil mg/kg	B-K(2.5-5) Soil mg/kg	B-L(0-2.5) Soil mg/kg	B-M(5-7.5) Soil mg/kg	B-N(0-2.5) Soil mg/kg	B-O(0-2.5) Soil mg/kg	B-P(7.5-9.2) Soil mg/kg	FD12514[2] Soil mg/kg	B-Q(0.5-2.5) Soil mg/kg
Volatile Organic Compounds																				
Acetone	67-64-1	0.05	0.0253 U	0.0433	0.0324 J	0.0226 U	0.0252 U	0.0361 U	0.0278 U	0.0285 U	0.0273 U	0.0257 U	0.0061 J	0.0131 J	0.0491	0.0242 U	0.0103 J	0.0078 J	0.0233 U	0.0221 U
Methylene Chloride	75-09-2	0.05	0.0014 J	0.0040 J	0.0081	0.0020 J	0.0050 U	0.0041 J	0.0012 J	0.0014 J	0.0055 U	0.0017 J	0.0016 J	0.0028 J	0.0055	0.0014 J	0.0026 J	0.0013 J	0.0019 J	0.0020 J
Benzene	71-43-2	0.06	0.0051 U	0.0012 J	0.0076 U	0.0045 U	0.0050 U	0.0072 U	0.0056 U	0.0057 U	0.0055 U	0.0051 U	0.0039 U	0.0056 U	0.0046 U	0.0048 U	0.0049 U	0.0042 U	0.0047 U	0.0044 U
Semi-Volatile Organic Compounds																				
Phenol	108-95-2	0.33	0.0948 J	0.0852 J	0.0958 J	0.360 U	0.120 J	0.0766 J	0.370 U	0.370 U	0.380 U	0.370 U	0.100 J	2.00 U	0.0840 J	0.110 J	0.380 U	0.370 U	0.0790 J	0.100 J
Naphthalene	91-20-3	12	0.400 U	0.370 U	0.390 U	0.360 U	0.48	0.380 U	0.370 U	0.370 U	0.380 U	0.370 U	0.260 J	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
2-Methylnaphthalene	91-57-6	No Standard	0.400 U	0.370 U	0.390 U	0.360 U	0.260 J	0.380 U	0.370 U	0.370 U	0.380 U	0.370 U	0.190 J	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
1,1-Biphenyl	92-52-4	No Standard	0.400 U	0.370 U	0.390 U	0.360 U	0.370 U	0.380 U	0.370 U	0.370 U	0.380 U	0.370 U	0.120 J	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Dimethylphthalate	131-11-3	No Standard	0.250 J	0.270 J	0.310 J	0.260 J	0.0757 J	0.0938 J	0.150 J	0.120 J	0.140 J	0.100 J	0.110 J	2.00 U	0.180 J	0.250 J	0.110 J	0.130 J	0.170 J	0.170 J
Acenaphthylene	208-96-8	100	0.400 U	0.43	0.390 U	0.360 U	0.37	0.190 J	0.370 U	0.370 U	0.380 U	0.370 U	0.120 J	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Acenaphthene	83-32-9	20	0.0908 J	0.370 U	0.390 U	0.360 U	0.370 U	0.110 J	0.370 U	0.370 U	0.380 U	0.370 U	2	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Dibenzofuran	132-64-9	7	0.400 U	0.370 U	0.390 U	0.360 U	0.45	0.380 U	0.370 U	0.370 U	0.380 U	0.370 U	1	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Fluorene	86-73-7	30	0.0864 J	0.370 U	0.390 U	0.360 U	0.230 J	0.110 J	0.370 U	0.370 U	0.380 U	0.370 U	1.8	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Phenanthrene	85-01-8	100	1	0.110 J	0.390 U	0.360 U	3.90 D	0.92	0.230 J	0.370 U	0.210 J	0.370 U	16.0 D	2.00 U	0.360 U	0.42	0.380 U	0.370 U	0.370 U	0.0872 J
Anthracene	120-12-7	100	0.190 J	0.240 J	0.390 U	0.360 U	0.120 J	0.250 J	0.370 U	0.370 U	0.380 U	0.370 U	5.10 D	2.00 U	0.360 U	0.0990 J	0.380 U	0.370 U	0.370 U	0.370 U
Carbazole	86-74-8	No Standard	0.110 J	0.370 U	0.390 U	0.360 U	0.44	0.100 J	0.370 U	0.370 U	0.380 U	0.370 U	0.73	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Fluoranthene	206-44-0	100	1.2	0.180 J	0.110 J	0.360 U	3.20 D	1.1	0.41	0.370 U	0.47	0.370 U	14.3 D	2.00 U	0.360 U	0.6	0.380 U	0.370 U	0.370 U	0.290 J
Pyrene	129-00-0	100	1.1	0.260 J	0.110 J	0.360 U	2.1	1.1	0.4	0.370 U	0.56	0.100 J	12.5 D	2.00 U	0.360 U	0.55	0.380 U	0.370 U	0.370 U	0.280 J
Benzo(a)anthracene	56-55-3	1	0.67	0.180 J	0.390 U	0.360 U	0.88	0.63	0.230 J	0.370 U	0.300 J	0.370 U	**7.20 D**	2.00 U	0.360 U	0.300 J	0.380 U	0.370 U	0.370 U	0.210 J
Chrysene	218-01-9	1	0.58	0.200 J	0.390 U	0.360 U	**1.2**	0.55	0.220 J	0.370 U	0.330 J	0.370 U	**5.80 D**	2.00 U	0.360 U	0.310 J	0.380 U	0.370 U	0.370 U	0.200 J
Bis(2-ethylhexyl)phthalate	117-81-7	No Standard	0.150 J	0.370 U	0.390 U	0.360 U	0.370 U	0.130 J	0.370 U	0.370 U	0.380 U	0.370 U	0.370 U	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Benzo(b)fluoranthene	205-99-2	1	0.63	0.280 J	0.390 U	0.360 U	**1.3**	0.79	0.240 J	0.370 U	0.350 J	0.370 U	**6.20 D**	2.00 U	0.360 U	0.340 J	0.380 U	0.370 U	0.370 U	0.210 J
Benzo(k)fluoranthene	207-08-9	0.8	0.310 J	0.0784 J	0.390 U	0.360 U	0.57	0.170 J	0.370 U	0.370 U	0.0868 J	0.370 U	**1.8**	2.00 U	0.360 U	0.100 J	0.380 U	0.370 U	0.370 U	0.120 J
Benzo(a)pyrene	50-32-8	1	0.54	0.300 J	0.390 U	0.360 U	0.81	0.58	0.220 J	0.370 U	0.310 J	0.370 U	**5.50 D**	2.00 U	0.360 U	0.270 J	0.380 U	0.370 U	0.370 U	0.210 J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.270 J	0.180 J	0.390 U	0.360 U	0.45	0.330 J	0.110 J	0.370 U	0.150 J	0.370 U	**2.3**	2.00 U	0.360 U	0.140 J	0.380 U	0.370 U	0.370 U	0.110 J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.400 U	0.370 U	0.390 U	0.360 U	0.140 J	0.0877 J	0.370 U	0.370 U	0.380 U	0.370 U	**0.62**	2.00 U	0.360 U	0.390 U	0.380 U	0.370 U	0.370 U	0.370 U
Benzo(g,h,i)perylene	191-24-2	100	0.300 J	0.290 J	0.390 U	0.360 U	0.42	0.42	0.130 J	0.370 U	0.200 J	0.370 U	2.3	2.00 U	0.360 U	0.170 J	0.380 U	0.370 U	0.370 U	0.140 J
Pesticides																				
4,4-DDE	72-55-9	0.0033	0.0020 U	0.0019 U	0.0020 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0020 U	0.0019 U	0.0017 J	0.0020 U	0.0019 U	0.0019 U	0.0019 U
4,4-DDT	50-29-3	0.0033	0.0020 U	0.0019 U	0.0020 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0020 U	0.0019 U	0.0016 J	0.0020 U	0.0019 U	0.0019 U	0.0019 U
PCBs																				
Aroclor-1260	11096-82-5	0.1	0.0125 JP	0.0162 JP	0.0202 U	0.0188 U	0.0190 U	0.0195 U	0.0189 U	0.0192 U	0.0194 U	0.0192 U	0.0191 U	0.0204 U	0.0187 U	0.0200 U	0.0197 U	0.0191 U	0.0189 U	0.0189 U
Metals + Cyanide																				
Aluminum	7429-90-5	No Standard	8310	7380	7030	9260	9380	6810	7400	10400	7740	10300	8580	12200	7010	7350	13500	8500	9520	7810
Antimony	7440-36-0	No Standard	0.635 J	2.29 U	2.53 U	2.34 U	2.40 U	2.33 U	0.857 J	2.43 U	1.10 J	2.42 U	2.33 U	2.50 U	2.32 U	2.47 U	2.43 U	2.41 U	2.34 U	2.32 U
Arsenic	7440-38-2	13	6.16	2.68	3.96	1.59	2.44	3.55	5.07	2.8	4.41	3.26	3.08	2	1.54	4.1	2.7	1.63	1.15	2.86
Barium	7440-39-3	350	335	86	131	40.4	100	102	65.3	80.2	135	55.1	98.7	57.7	38.8	229	56.4	43.9	50.7	88.2
Beryllium	7440-41-7	7.2	0.483	0.346	0.291 J	0.336	0.355	0.348	0.416	0.451	0.373	0.389	0.378	0.455	0.277 J	0.413	0.537	0.329	0.352	0.367
Calcium	7440-70-2	No Standard	7490	20100	36600	1120	6570	2200	19000	2040	3240	2870	4760	1550	1740	16400	2110	1390	1460	5100
Chromium	7440-47-3	30	20.2	17.1	18.8	23.4	27.5	14.4	17.5	27.6	18.3	23.1	19.9	21.4	22.6	20.8	19	27.7	**30.2**	19.5
Cobalt	7440-48-4	No Standard	7.01	7.27	5.97	8.1	8.86	6.24	6.09	9.29	7.14	9.03	8.45	9.96	8.73	7.32	8.84	9.88	9.45	7.8
Copper	7440-50-8	50	**52.9**	34.7	25.7	19.5	27.2	22.8	18.2	17	20.2	22.8	**71.2**	9.18	24.5	33.8	5.85	19.8	21.6	19.3
Iron	7439-89-6	No Standard	18000	14700	11100	14200	16300	12100	23300	17600	13100	16500	15500	19500	12600	14700	21100	14100	15700	20000
Lead	7439-92-1	63	**1410**	**211**	**379**	26.7	**309**	**321**	**195**	**160**	**388**	**82.3**	**232**	9.96	3.42	**578**	30.2	2.84	3	**143**
Magnesium	7439-95-4	No Standard	3010	5300	6730	3920	2800	2030	2040	2560	2350	3430	2940	3110	2280	3630	2730	2450	2840	2770
Manganese	7439-96-5	1,600	296	342	327	282	341	256	230	371	258	274	398	585	375	431	311	435	415	243
Mercury	7439-97-6	0.18	**0.501**	**0.318**	**0.291**	0.03	**0.308**	**0.416**	**0.523**	**0.211**	**0.537 D**	0.037	**0.242**	0.123	0.0080 J	**0.820 D**	**0.183**	0.0070 J	0.0070 J	0.154
Nickel	7440-02-0	30	17.3	13.9	16.6	25.3	20	12.9	13.2	19.7	14.1	20.4	15.5	17.6	19.9	15.7	13.1	20.9	22.8	13.1
Potassium	7440-09-7	No Standard	711	668	763	688	872	440	515	517	452	1100	635	602	739	524	540	593	753	701
Selenium	7782-49-2	3.9	0.982 J	0.326 J	0.510 J	0.386 J	0.518 J	0.461 J	0.744 J	0.666 J	0.677 J	0.574 J	0.657 J	0.815 J	0.584 J	0.638 J	0.821 J	0.707 J	0.581 J	0.725 J
Silver	7440-22-4	2	0.309 J	0.119 J	0.510 U	0.470 U	0.480 U	0.470 U	0.470 U	0.490 U	0.500 U	0.490 U	0.470 U	0.500 U	0.460 U	0.490 U	0.490 U	0.480 U	0.470 U	0.460 U
Sodium	7440-23-5	No Standard	107	144	275	141	196	118	175	686	58.0 J	274	1110	289	4070	138	133	420	446	922
Vanadium	7440-62-2	No Standard	26.6	23.2	18.1	20.9	21.4	18.9	16.8	24.1	19.7	26.6	22	20	22.2	20	25.4	26.4	26.8	23.1
Zinc	7440-66-6	109	**521**	**136**	**182**	24.7	**209**	**146**	**111**	**150**	**173**	80	**148**	42.6	19.4	**457**	67.8	19.1	21.3	**318**
Cyanide	57-12-5	27	0.151 J	0.111 J	0.192 J	0.0720 J	0.128 J	0.218 J	0.121 J	0.0610 J	0.0660 J	0.166 J	0.102 J	0.131 J	0.0750 J	0.402	0.121 J	0.0900 J	0.0930 J	0.104 J

Qualifiers and Notes
(1) NYSDEC 6 NYCRR PART 375 Environmental Remediation Programs, Subpart 375-6, Dated December 14, 2006
(2) FD12514 is a replicate (duplicate) sample of B-P (7.5'-9.2')
Concentrations denoted in mg/kg or parts per million (ppm)
U indicates that the compound was analyzed but not detected
J indicates and estimated value
Analytical results in bold and highlighted have exceeded their respective SCO
D indicated that the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

TABLE 2: GROUNDWATER ANALYTICAL RESULTS SUMMARY
COTTAGE PLACE GARDENS SITE
CITY OF YONKERS, WESTCHESTER COUNTY, NEW YORK

PARAMETER	CAS #	NYSDEC GROUNDWATER STANDARD OR GUIDANCE VALUE (ug/l)[1]	MW-B Water ug/L	MW-L Water ug/L	MW-M Water ug/L	MW-N Water ug/L	MW-P Water ug/L	FDGW01[2] Water ug/L
Volatile Organic Compounds								
Acetone	67-64-1	50 (GV)	2.50 U	2.50 U	2.50 U	2.50 U	**100**	2.50 U
Carbon Disulfide	75-15-0	No Standard	0.500 U	0.500 U	0.500 U	0.500 U	3.60 J	0.500 U
1,2-Dichloropropane	78-87-5	1	0.500 U	**1.60 J**	0.500 U	0.500 U	0.500 U	0.500 U
Semi-Volatile Organic Compounds								
Phenol	108-95-2	1	NA	NA	NA	1.00 U	**2.00 J**	NA
3+4-Methylphenols	65794-96-9	No Standard	NA	NA	NA	1.00 U	12.4	NA
Dimethylphthalate	131-11-3	50 (GV)	NA	NA	NA	4.50 J	5.60 J	NA
Pesticides (None Detected Above the Laboratory's Method Detection Limit)								
PCBs (None Detected Above the Laboratory's Method Detection Limit)								
Metals + Cyanide								
Aluminum	7429-90-5	No Standard	39,300	8700	8590	6770	767	NA
Arsenic	7440-38-2	25	16.7	2.50 U	4.91 J	2.50 U	3.28 J	NA
Barium	7440-39-3	1,000	407	782	302	130	214	NA
Beryllium	7440-41-7	3 (GV)	1.90 J	0.750 U	0.750 U	0.750 U	0.750 U	NA
Cadmium	7440-43-9	5	0.750 U	0.565 J	0.750 U	0.750 U	0.750 U	NA
Calcium	7440-70-2	No Standard	148,400	284,100	146,600	97,500	98,800	NA
Chromium	7440-47-3	50	**110**	**119**	**66.5**	35.9	39.7	NA
Cobalt	7440-48-4	No Standard	26.5	6.92 J	9.21 J	5.87 J	11.1 J	NA
Copper	7440-50-8	200	144	19.9	46.5	24.2	2.66 J	NA
Iron	7439-89-6	300	**48,100**	**5960**	**10,600**	**7350**	**2210**	NA
Lead	7439-92-1	25	**459**	16.5	**85.6**	**76.8**	3.92 J	NA
Magnesium	7439-95-4	35,000 (GV)	27,900	**45,000**	30,500	14,900	25,300	NA
Manganese	7439-96-5	300	**1080**	**1560**	**772**	250	**7370**	NA
Mercury	7439-97-6	0.7	**4.76**	0.100 U	0.674	0.162 J	0.100 U	NA
Nickel	7440-02-0	100	93.3	87.4	69.7	22.9	36.6	NA
Potassium	7440-09-7	No Standard	10,800	15,400	12,400	7980	11,100	NA
Selenium	7782-49-2	10	9.82 J	5.00 U	5.00 U	5.35 J	5.00 U	NA
Sodium	7440-23-5	20,000	**32,000**	**1,198,700**	**864,900**	18,000	**362,200**	NA
Vanadium	7440-62-2	No Standard	64.9	12.3 J	15.6 J	12.9 J	5.00 U	NA
Zinc	7440-66-6	2,000 (GV)	411	34.3	75.9	62.2	5.62 J	NA
Cyanide	57-12-5	200	NA	NA	NA	0.0020 J	NS	NA

Qualifiers

[1] TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, New York State Department of Environmental Conservation, June 1998 and Addendum, April 2000.

[2] FDGW01 is a replicate (duplicate) sample of MW-L

U denotes that the compound was not detected at the indicated concentration.

J denotes the data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

NA denotes that due to insufficient volume of groundwater in the monitoring well, the parameter was not analyzed.

Due to insufficient volume of groundwater in the monitoring wells during sampling, monitoring wells MW-B, MW-L and MW-M were analyzed for VOCs and metals only, and monitoring well MW-P was analyzed for VOCs, SVOCs and metals only. MW-N was analyzed for the full TCL/TAL + cyanide parameters.

Parameter concentrations in bold have exceeded their corresponding Groundwater Standard/Guidance Value.

ATTACHMENT C

SUBSURFACE EXPLORATION LOGS

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-A
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.0	Dark brown fine SAND & SILT, trace rootlets	damp
5									Brown fine SAND, little brown silt, fine gravel, ash & brick	damp
		2						3.7	Brown fine SAND, little brown silt & fine-medium gravel	damp
10										boring moved ±3' to south & refusal at 8'
									End of Boring ±9.6' bgs (refusal)	no monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL IZATI	CASING N

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-B
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						4.0	Dark brown fine SAND & SILT, little fine gravel, trace rootlets	damp
									Br fine SAND, little br silt, f. gravel & red brick	damp
									Brown fine SAND, little brown silt & fine-coarse gravel	damp
5										
		2						5.0		
										damp
10										
		3						2.5	Brown fine SAND & SILT, trace fine-medium gravel	moist
15										
									End of Boring ±14.4' bgs (refusal)	monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-C
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.0	(0-0.2') Asphalt	
									Brown fine SAND, little brown silt, ash, red brick & fine-medium gravel	damp
5										
		2						2.8	Brown fine SAND, some brown Silt & fine-medium Gravel	damp
										little moist at 9' bgs
10										
		3						3.5		moist
15									End of Boring ±13.8' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-D
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.0	Brown fine SAND & SILT, some fine-medium Gravel	damp
									Br f SAND & SILT, some f-m Gravel, little red brick & ash	damp
									Brown fine SAND & SILT, some fine-medium	moist
									gravel	
5										
		2						3.8		moist
10										
		3						2.5	Brown fine SAND, little brown silt & fine gravel	damp
									End of Boring ±12.4' bgs (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-E
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						1.0	Brown fine SAND & SILT, little fine-medium gravel	damp
									Brown fine SAND & SILT, little cinder & red brick	damp
5										
		2						3.0	Brown fine SAND & SILT, little fine-medium gravel	moist
10										
									End of Boring ±9.1' bgs (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-F
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.8	Dark brown SAND & SILT, trace fine gravel, red brick & rootlets	damp
									Light brown SAND, little brown silt & fine gravel	damp
5										refusal at 4.9'-move
		2						1.5		boring 2' north
										damp
10		3						1.0	Light brown fine SAND & SILT, little f-m gravel	moist - refusal at 8.8'
									End of Boring ±9.6' bgs (refusal)	move boring 4' north
										Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-G
ELEV.: DATUM:
START DATE: 12/3/14 FINISH DATE: 12/3/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.5	Dark brown fine SAND & SILT, little fine gravel, trace red brick	damp
									Light brown fine SAND, some fine-medium Gravel, little brown silt, trace red brick & ash	damp
5										
		2						4.0	Brown fine SAND, little brown silt & f. gravel	damp
10										
		3						4.5	Brown fine SAND, some fine-medium Gravel, trace brown silt	damp
15										
16		4						1.0		damp
									End of Boring ±16.1' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-H
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens — CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY — CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.4	Dark brown SAND & SILT, little fine-medium gravel	damp
									Fine-medium GRAVEL, little fine sand & silt	damp
									Light brown fine SAND, little brown silt & fine-medium gravel	damp
5										moist at ±4.5' bgs
		2						2.0	Light brown SAND, some brown Silt, trace fine gravel	damp
10										
		3						3.3		damp
									Crushed CONCRETE	
									Brown fine SAND, some brown SILT, little fine-medium gravel	damp
15										
									End of Boring ±16.1' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-I
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
0		1						3.0	Brown fine SAND, little brown silt, trace fine gravel	damp
5		2						3.1	Brown fine SAND, little brown silt, trace fine gravel, cinder and coal	damp
10		3						2.9	Light brown SAND & fine-coarse GRAVEL, trace brown silt	damp
13										
15									End of Boring ±13.7' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-J
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.6	Dark brown fine SAND & SILT, little fine-medium gravel	damp
									Light brown fine SAND, little brown silt, trace red brick & ash	damp
5										
		2						3.4	Brown fine SAND, red BRICK & ASH, little brown silt	damp
									Light brown SAND, some brown Silt, little fine-medium gravel	moist
10										
		3						3.3		moist ±10-12' bgs
										damp ±12-14.5' bgs
15										
									End of Boring ±14.5' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-K
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens — CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY — CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.0	ASPHALT, SUB-BASE, fine brown SAND & fine to coarse GRAVEL	damp
									Light brown fine SAND, some brown Silt & fine-coarse Gravel, little red brick	damp
5										
		2						3.5	Light brown fine SAND, little brown silt & fine-coarse gravel	moist
10										
		3						2.0		damp
									End of Boring ±12.6' bgs (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-L
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						4.0	ASPHALT, SUB-BASE & Red BRICK, little ash & brown fine sand	damp
									Light brown fine SAND & SILT	
5									brown fine sand	
		2						2.1	Light brown fine SAND, little brown silt & fine-medium gravel	moist at 6.5'
										Refusal at 7.2'-moved boring ±7' west
		3						2.8		moist
10										
									End of Boring ±10' bgs (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-M
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.7	(0-0.2') Dark br f SAND & SILT, trace f. gravel	damp
									Fine brown SAND, some brown Silt, little fine	moist
									gravel	
5										
		2						4.8		moist
10										
		3						2.1	Brown f. SAND, Some brown Silt & f-m Gravel	damp
									End of Boring ±11.4' bgs (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

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C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-N
ELEV.: DATUM:
START DATE: 12/4/14 FINISH DATE: 12/4/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.8	Dark br f SAND & SILT, little f gravel	damp
									Brown fine SAND & SILT, some Red Brick, Ash & Coal, little fine-medium gravel	damp
									Brown fine SAND, little brown silt & fine gravel	moist
5										
		2						5.0	Brown fine SAND, some brown Silt, little fine-medium gravel	moist
10										
		3						4.0	Brown fine SAND, some brown Silt & fine-medium gravel	moist
15										
									End of Boring ±14.7' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE DESIGN PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-O
ELEV.: DATUM:
START DATE: 12/5/14 FINISH DATE: 12/5/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.5	(0-0.2') ASPHALT & SUB-BASE	damp
									Light brown fine SAND & SILT, little red brick & ash, trace fine gravel	damp
5									Light brown fine SAND & SILT, little fine gravel	moist
		2						3.7	Light brown fine SAND, some fine-coarse Gravel, little brown silt	damp
10										
		3						4.0		damp
15									End of Boring ±14' bgs (refusal)	Monitoring well installed
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

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C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-P
ELEV.: DATUM:
START DATE: 12/5/14 FINISH DATE: 12/5/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						3.0	Dk br f SAND & SILT, little f-m gravel & wood	damp
									Brown fine SAND, little brown silt & fine gravel	damp
5										
		2						4.0		damp
									Brown fine SAND, Some brown Silt, little fine-	moist
									medium gravel	Refusal at 9.2' bgs
10		3						2.8	(little wet)	move boring 4' to west
		4						2.5		little wet
									End of Boring ±12.4' (refusal)	Monitoring well installed
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

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C.T. MALE ASSOCIATES

SUBSURFACE EXPLORATION LOG

BORING NO.: B-Q
ELEV.: DATUM:
START DATE: 12/5/14 FINISH DATE: 12/5/14
SHEET 1 OF 1

PROJECT: Cottage Place Gardens CTM PROJECT NO.: 14.4452

LOCATION: Yonkers, NY CTM INSPECTOR: S. Bieber

DEPTH (FT.)	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	RECOVERY	SAMPLE CLASSIFICATION	NOTES
		1						2.7	(0-0.5') ASPHALT & SUB-BASE, little f br sand silt, trace red brick	damp
									(0.5'-5') Light brown fine SAND, Some brown Silt, little fine-medium gravel	damp
5		2						3.2		damp
		3						2.4	(moist)	Refusal at 8.7'-move ±3' to west-Refusal at 9.1'-move 5' to NW Monitoring well installed
10									End of Boring ±9.3' bgs (refusal)	
15										
20										
25										
30										

N = NO. OF BLOWS TO DRIVE 2" SAMPLER 12" WITH A 140 LB. WT. FALLING 30" PER BLOW

DRILLING CONTRACTOR: ADT, Inc. DRILL RIG TYPE: 7822 DT Track Mounted

METHOD OF INVESTIGATION: 5' long stainless steel macro-core sampler with acetate liner

GROUNDWATER LEVEL

DATE	LEVEL	CASING

SAMPLE CLASSIFICATION BY:

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ATTACHMENT D

ORGANIC VAPOR HEADSPACE ANALYSIS LOGS

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Cottage Place Gardens		**PROJECT #:**	14.4452	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/3/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/3/14
DATE INSTRUMENT CALIBRATED:	12/3/2014		**BY:** S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-A	1	0-2.5	Soil	1.5	0.0	No odor/No stain
B-A	2	2.5-5	Soil	0.9	0.0	No odor/No stain
B-A	3	5-7.5	Soil	0.4	0.0	No odor/No stain
B-A	4	7.5-9.6	Soil	0.1	0.0	No odor/No stain
B-B	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-B	2	2.5-5	Soil	2.7	0.0	No odor/No stain
B-B	3	5-7.5	Soil	0.1	0.0	No odor/No stain
B-B	4	7.5-10	Soil	0.2	0.0	No odor/No stain
B-B	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-B	6	12.5-14.4	Soil	0.1	0.0	No odor/No stain
B-C	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-C	2	2.5-5	Soil	0.1	0.0	No odor/No stain
B-C	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-C	4	7.5-10	Soil	0.1	0.0	No odor/No stain
B-C	5	10-12.5	Soil	0.1	0.0	No odor/No stain
B-C	6	12.5-13.8	Soil	0.1	0.0	No odor/No stain
B-D	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-D	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-D	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-D	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-D	5	10-12.4	Soil	0.0	0.0	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Cottage Place Gardens		**PROJECT #:**	14.4452	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/3/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/3/14
DATE INSTRUMENT CALIBRATED:	12/3/2014	**BY:**	S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-E	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-E	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-E	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-E	4	7.5-9.1	Soil	0.0	0.0	No odor/No stain
B-F	1	0-2.5	Soil	0.3	0.0	No odor/No stain
B-F	2	2.5-4.9	Soil	0.0	0.0	No odor/No stain
B-F	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-F	4	7.5-8.8	Soil	0.0	0.0	No odor/No stain
B-F	5	8.8-9.6	Soil	0.0	0.0	No odor/No stain
B-G	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-G	2	2.5-5	Soil	0.1	0.0	No odor/No stain
B-G	3	5-7.5	Soil	0.1	0.0	No odor/No stain
B-G	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-G	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-G	6	12.5-15	Soil	0.1	0.0	No odor/No stain
B-G	7	15-16.1	Soil	0.1	0.0	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Cottage Place Gardens		**PROJECT #:**	14.4452	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/4/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/4/14
DATE INSTRUMENT CALIBRATED:	12/4/2014	**BY:**	S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-H	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-H	2	2.5-5	Soil	0.1	0.0	No odor/No stain
B-H	3	5-7.5	Soil	0.1	0.0	No odor/No stain
B-H	4	7.5-10	Soil	0.1	0.0	No odor/No stain
B-H	5	10-12.5	Soil	0.1	0.0	No odor/No stain
B-H	6	12.5-15	Soil	0.0	0.0	No odor/No stain
B-H	7	15-16.1	Soil	0.0	0.0	No odor/No stain
B-I	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-I	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-I	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-I	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-I	5	10-13.7	Soil	0.0	0.0	No odor/No stain
B-J	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-J	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-J	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-J	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-J	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-J	6	12.5-14.5	Soil	0.0	0.0	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Cottage Place Gardens		**PROJECT #:**	14.4452	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/3/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/3/14
DATE INSTRUMENT CALIBRATED:	12/4/2014	**BY:**	S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-K	1	0-2.5	Soil	0.2	0.0	No odor/No stain
B-K	2	2.5-5	Soil	0.2	0.0	No odor/No stain
B-K	3	5-7.5	Soil	0.0	0.0	No odor/No stain
B-K	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-K	5	10-12.6	Soil	0.0	0.0	No odor/No stain
B-L	1	0-2.5	Soil	0.0	0.0	No odor/No stain
B-L	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-L	3	5-7.2	Soil	0.0	0.0	No odor/No stain
B-L	4	7.2-10	Soil	0.0	0.0	No odor/No stain
B-M	1	0-2.5	Soil	0.4	0.0	No odor/No stain
B-M	2	2.5-5	Soil	0.5	0.0	No odor/No stain
B-M	3	5-7.5	Soil	0.8	0.0	No odor/No stain
B-M	4	7.5-10	Soil	0.6	0.0	No odor/No stain
B-M	5	10-11.4	Soil	0.0	0.0	No odor/No stain
B-N	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-N	2	2.5-5	Soil	0.2	0.0	No odor/No stain
B-N	3	5-7.5	Soil	0.2	0.0	No odor/No stain
B-N	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-N	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-N	6	12.5-14.7	Soil	0.0	0.0	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Cottage Place Gardens		**PROJECT #:**	14.4452	**PAGE 1 OF 1**
CLIENT:	The Community Builders				**DATE COLLECTED:** 12/3/14
LOCATION:	Yonkers, NY				
INSTRUMENT USED:	MiniRae 3000	**LAMP**	10.6	**eV**	**DATE ANALYZED:** 12/3/14
DATE INSTRUMENT CALIBRATED:	12/5/2014	**BY:**	S. Bieber		
TEMPERATURE OF SOIL:	ambient				**ANALYST:** S. Bieber

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-O	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-O	2	2.5-5	Soil	0	0.0	No odor/No stain
B-O	3	5-7.5	Soil	0.3	0.0	No odor/No stain
B-O	4	7.5-10	Soil	0.0	0.0	No odor/No stain
B-O	5	10-12.5	Soil	0.0	0.0	No odor/No stain
B-O	6	12.5-14	Soil	0.0	0.0	No odor/No stain
B-P	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-P	2	2.5-5	Soil	0.3	0.0	No odor/No stain
B-P	3	5-7.5	Soil	0.1	0.0	No odor/No stain
B-P	4	7.5-9.2	Soil	0.1	0.0	No odor/No stain
B-P	5	9.2-10	Soil	0.1	0.0	No odor/No stain
B-P	6	10-12.4	Soil	0.0	0.0	No odor/No stain
B-Q	1	0-2.5	Soil	0.1	0.0	No odor/No stain
B-Q	2	2.5-5	Soil	0.0	0.0	No odor/No stain
B-Q	3	5-8.7	Soil	0.0	0.0	No odor/No stain
B-Q	4	8.7-9.3	Soil	0.0	0.0	No odor/No stain

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** represents feet below the ground surface

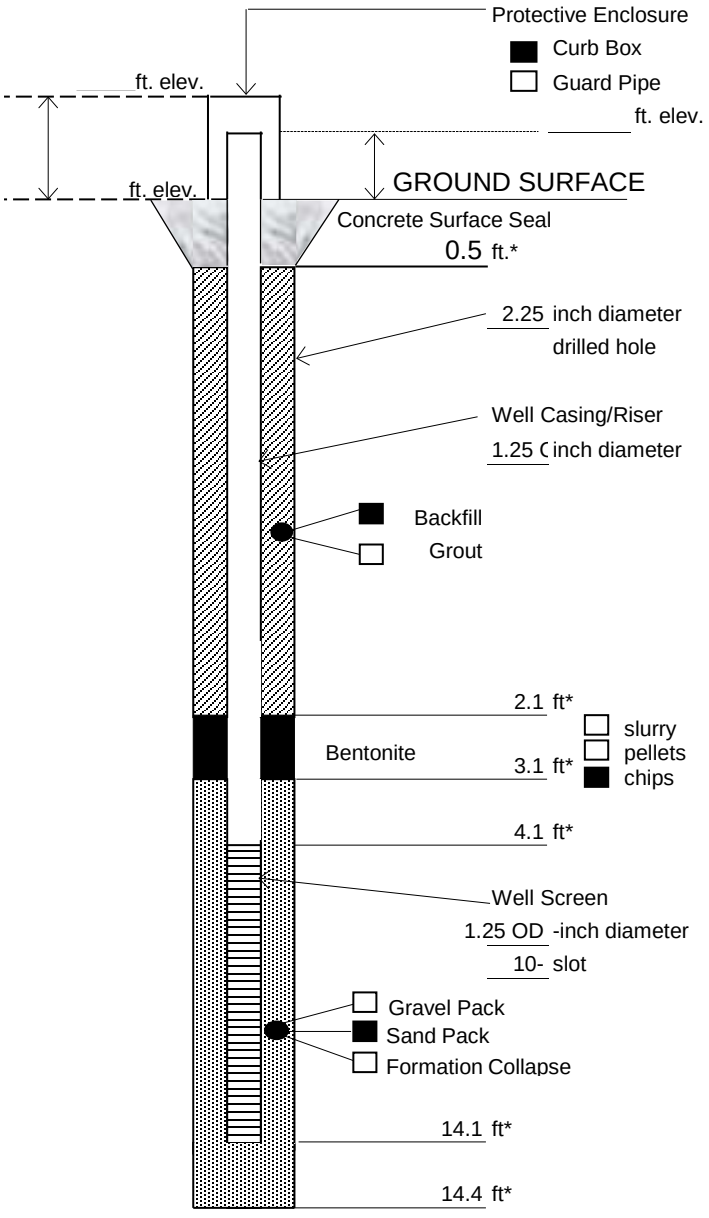
ATTACHMENT E

MONITORNG WELL CONSTRUCTION LOGS

Well No. MW-B

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-B Boring No.: B-B

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
4.1 ft. of solid PVC well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

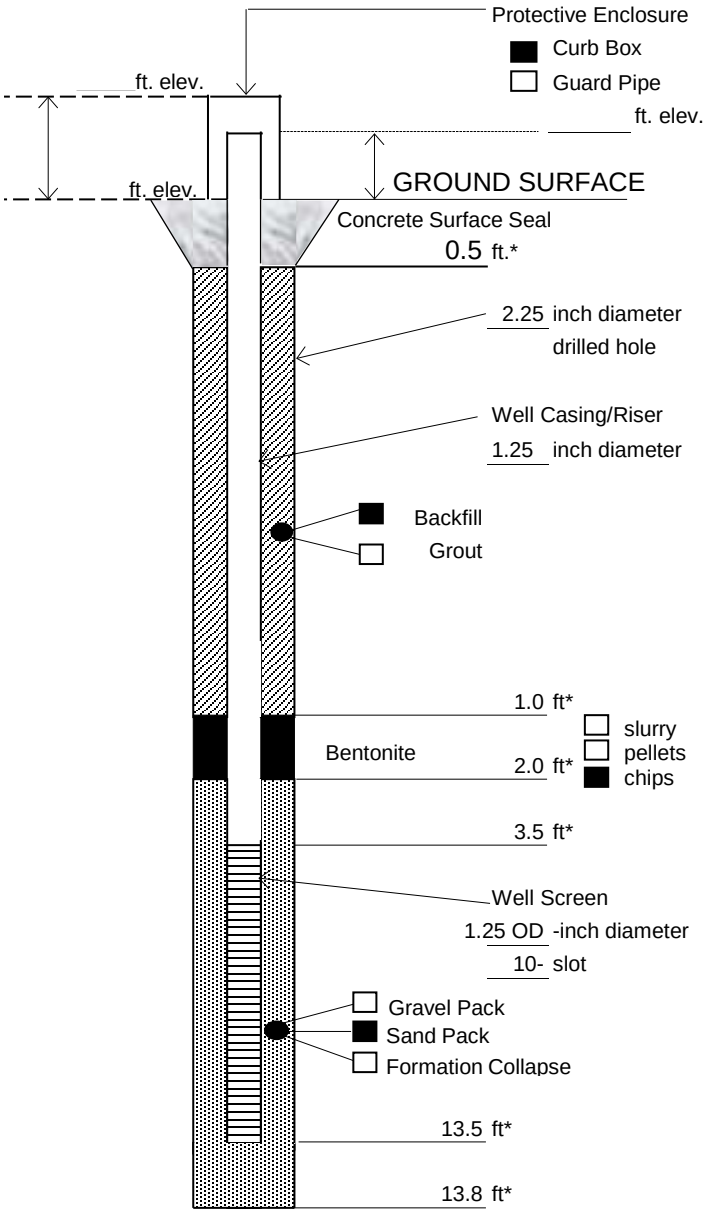
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-C

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-C Boring No.: B-C

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
3.5 ft. of solid PVC well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

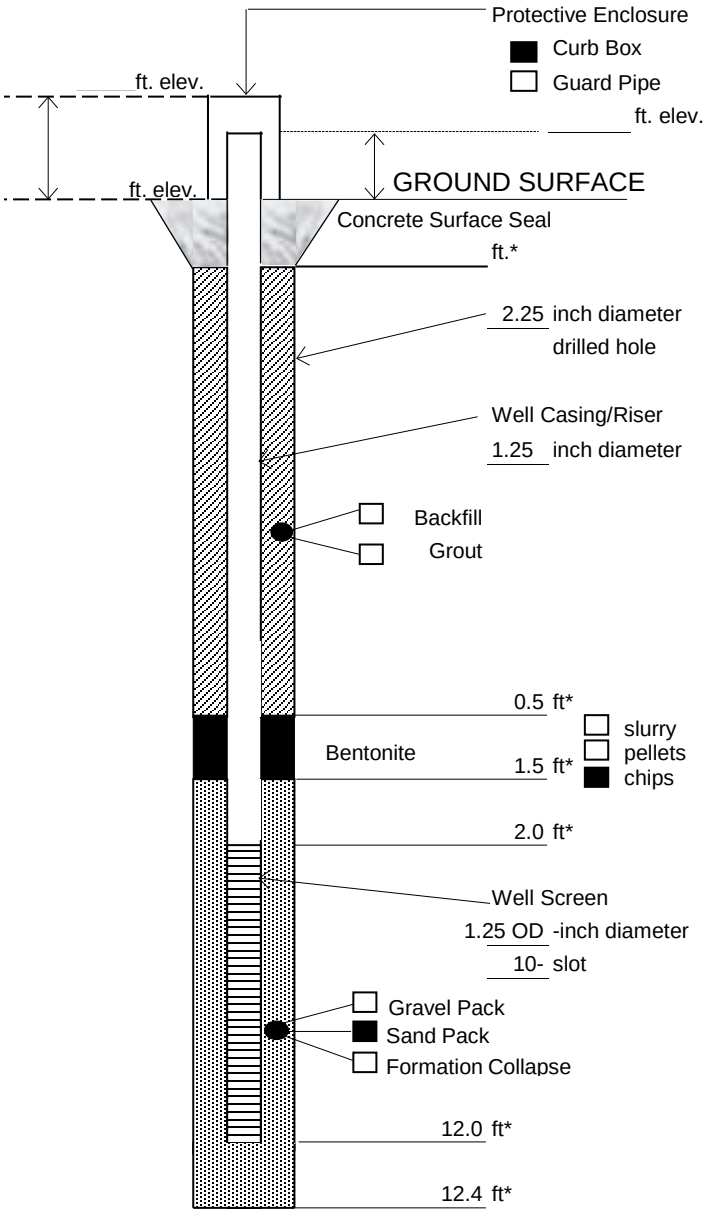
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-D

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-D Boring No.: B-D

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
2 ft. of solid PVC well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

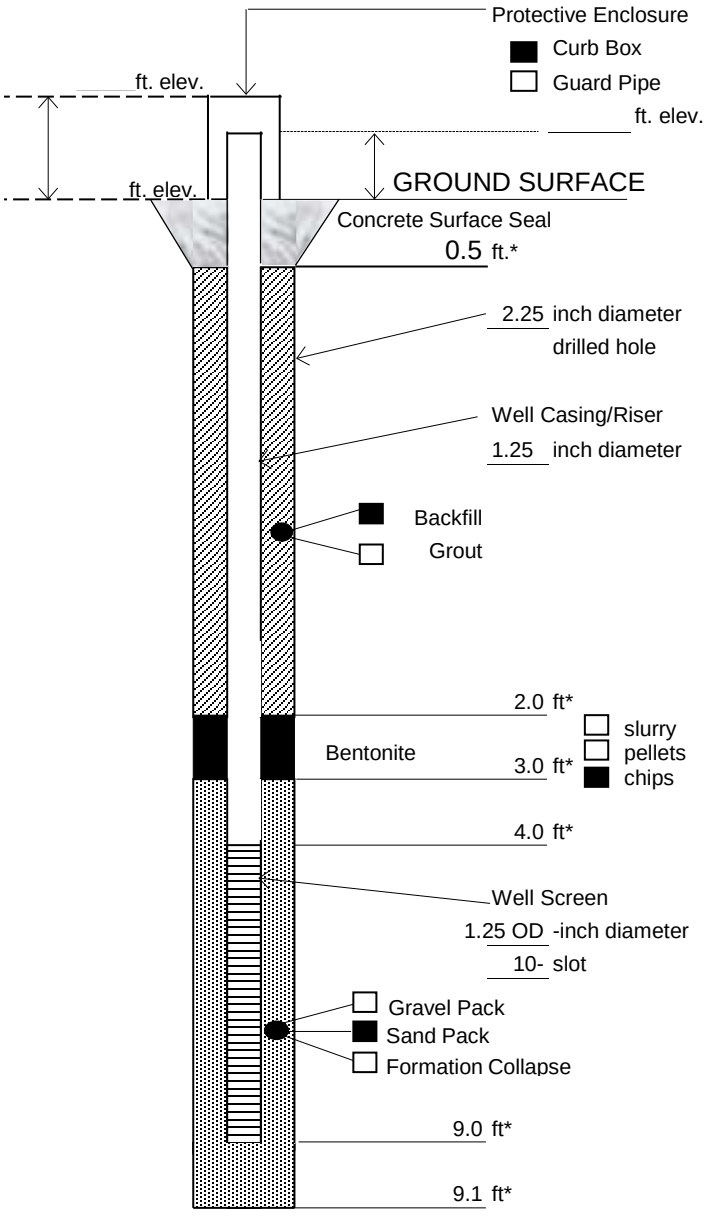
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-E

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-E Boring No.: B-E

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/4 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
5 ft. of 0.010 slot well screen
4 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

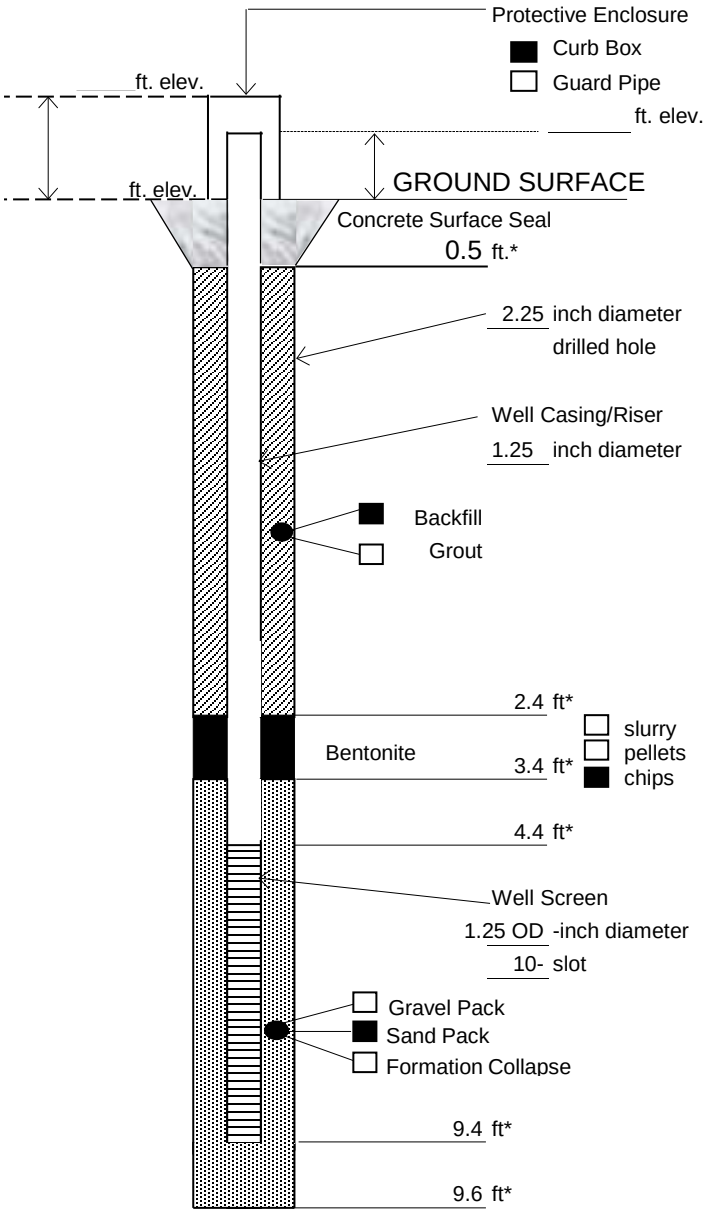
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-F

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-F Boring No.: B-F

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/4 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
5 ft. of 0.010 slot well screen
4.4 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

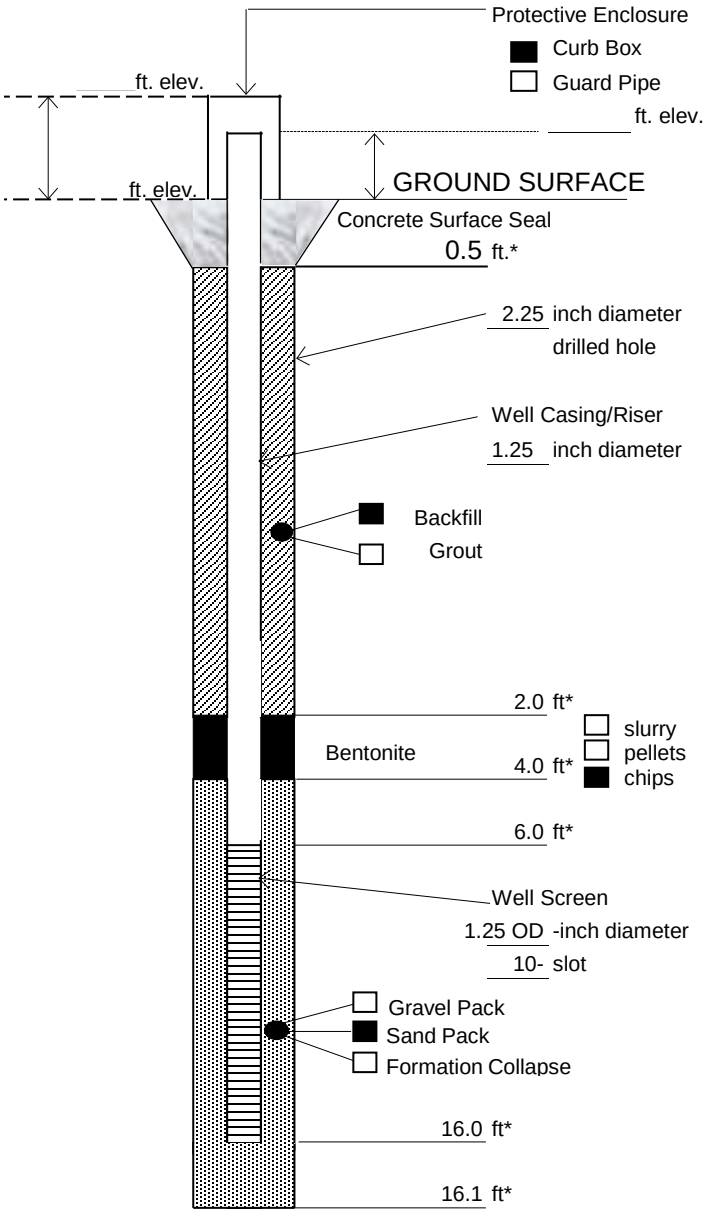
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-G

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-G Boring No.: B-G

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/3/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
6 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

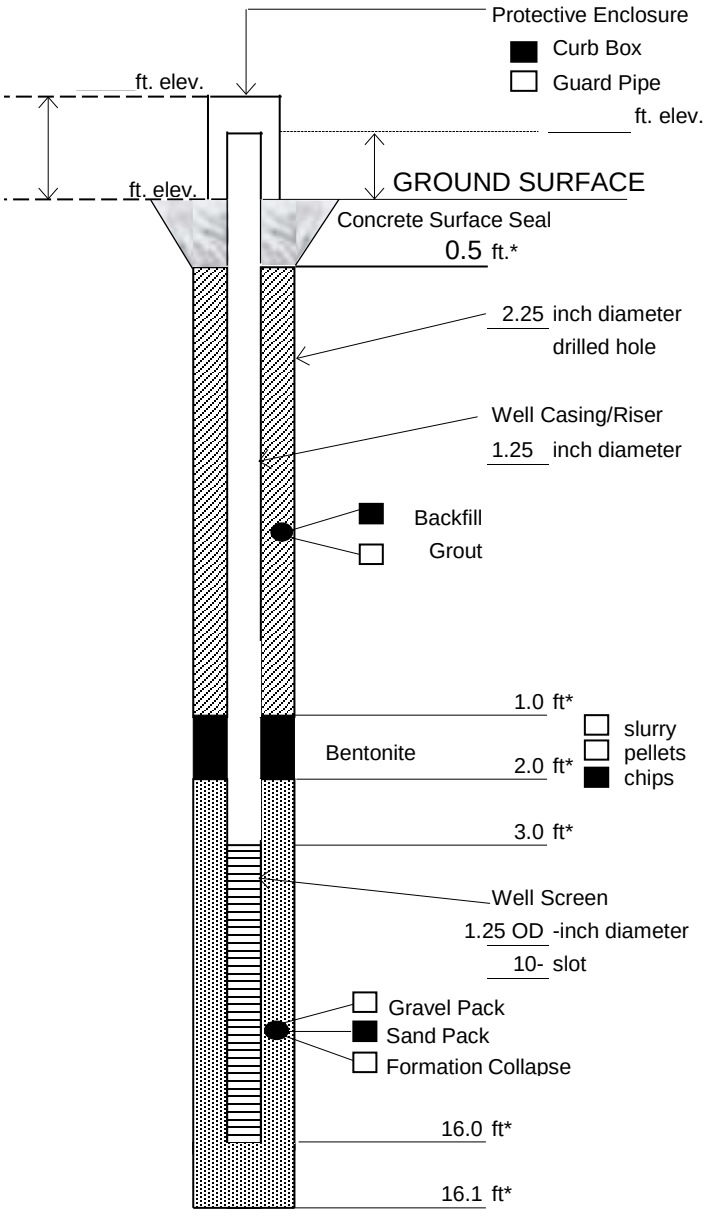
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-H

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-H Boring No.: B-H

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/2	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
13	ft. of	0.010 slot	well screen
3	ft. of	PVC riser	well riser
NA	Bags of Cement/Concrete	(	lb. bags)
	Brand:		

Grout Mixture:

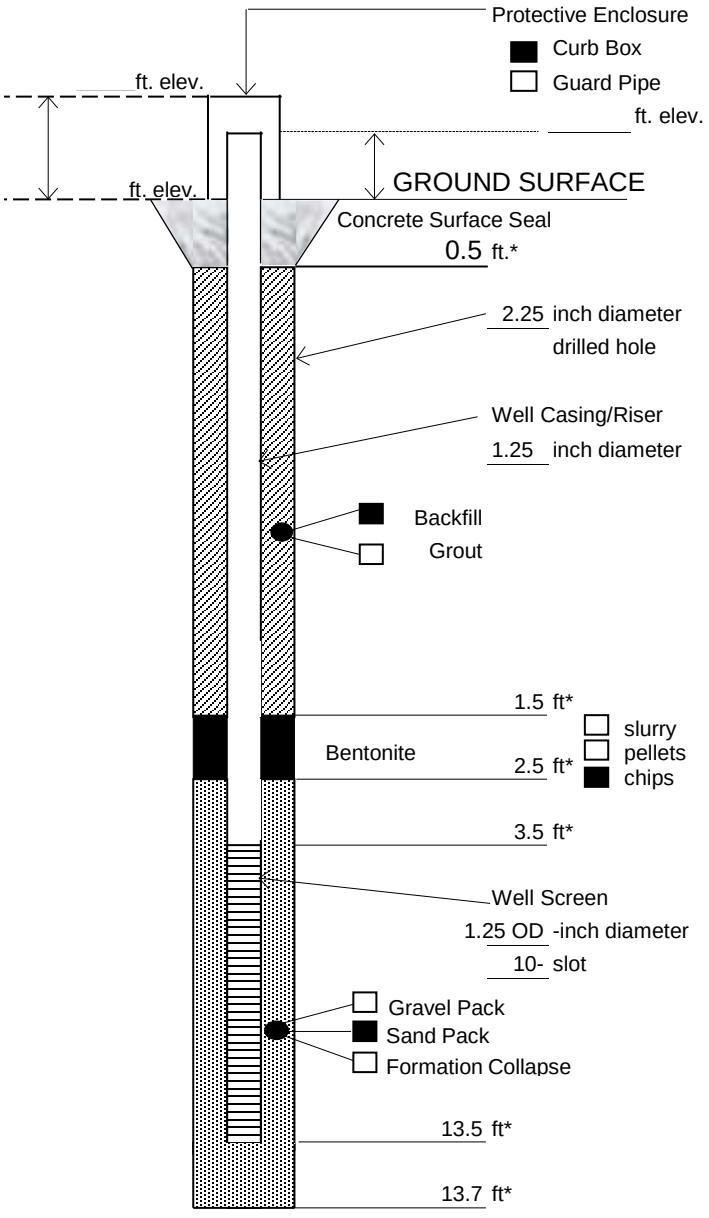
	Bags of Cement	(lb. bags)
	Lbs. of Bentonite	
	Gallons of Water	
	Grout Batches	

Notes:

Well No. MW-I

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-I Boring No.: B-I

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
3.5	ft. of	PVC riser	well riser
NA	Bags of Cement/Concrete	(____	lb. bags)
	Brand:		

Grout Mixture:

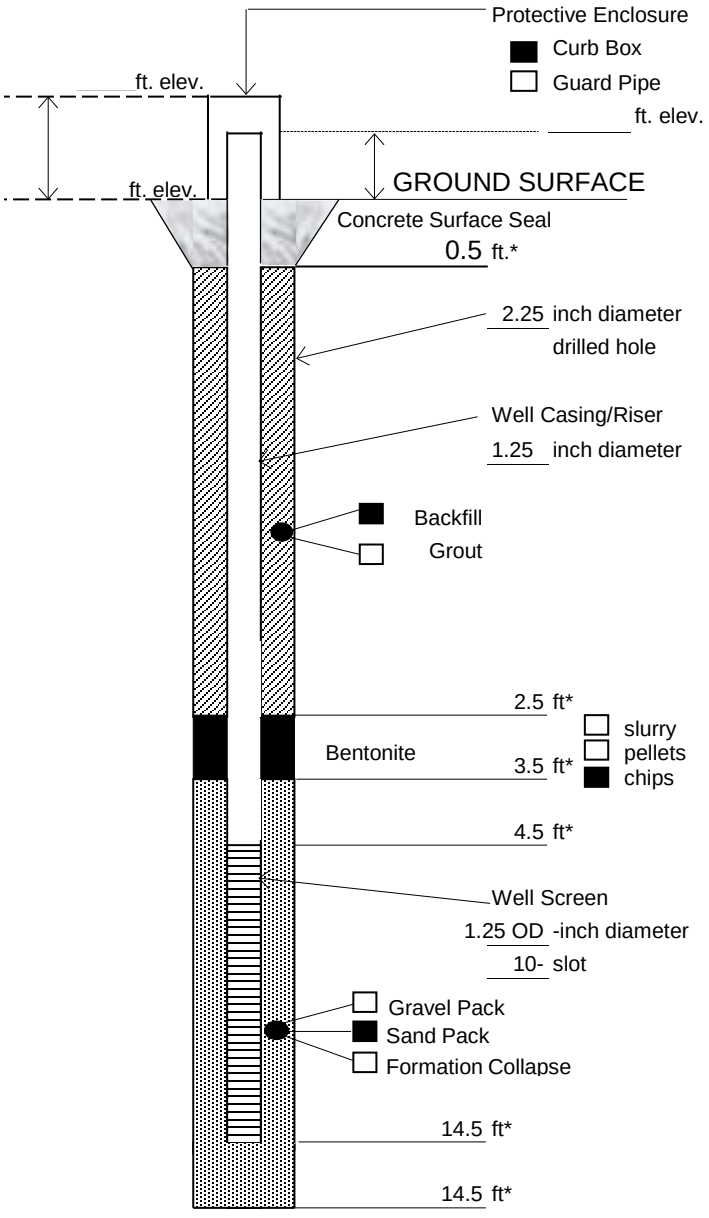
____	Bags of Cement	(____ lb. bags)
____	Lbs. of Bentonite	
____	Gallons of Water	
____	Grout Batches	

Notes:

Well No. MW-J

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-J Boring No.: B-J

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
4.5 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

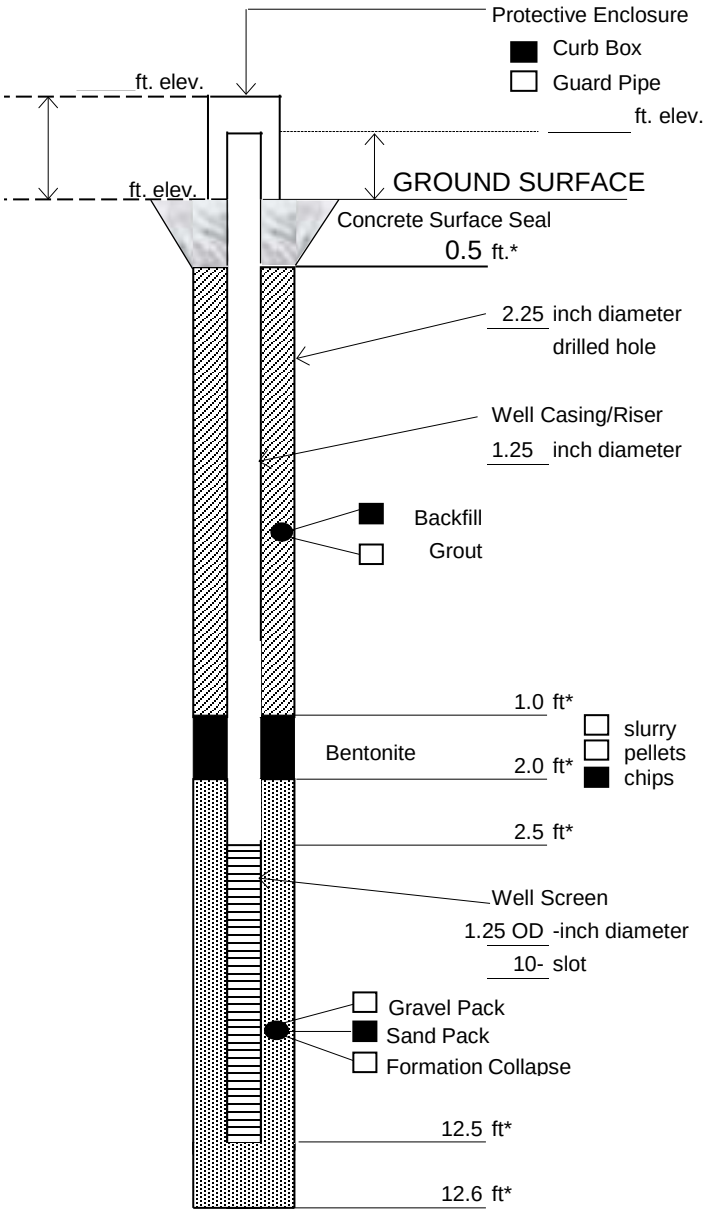
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-K

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-K Boring No.: B-K

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
2.5	ft. of	PVC riser	well riser
NA	Bags of Cement/Concrete	(____	lb. bags)
	Brand:		

Grout Mixture:

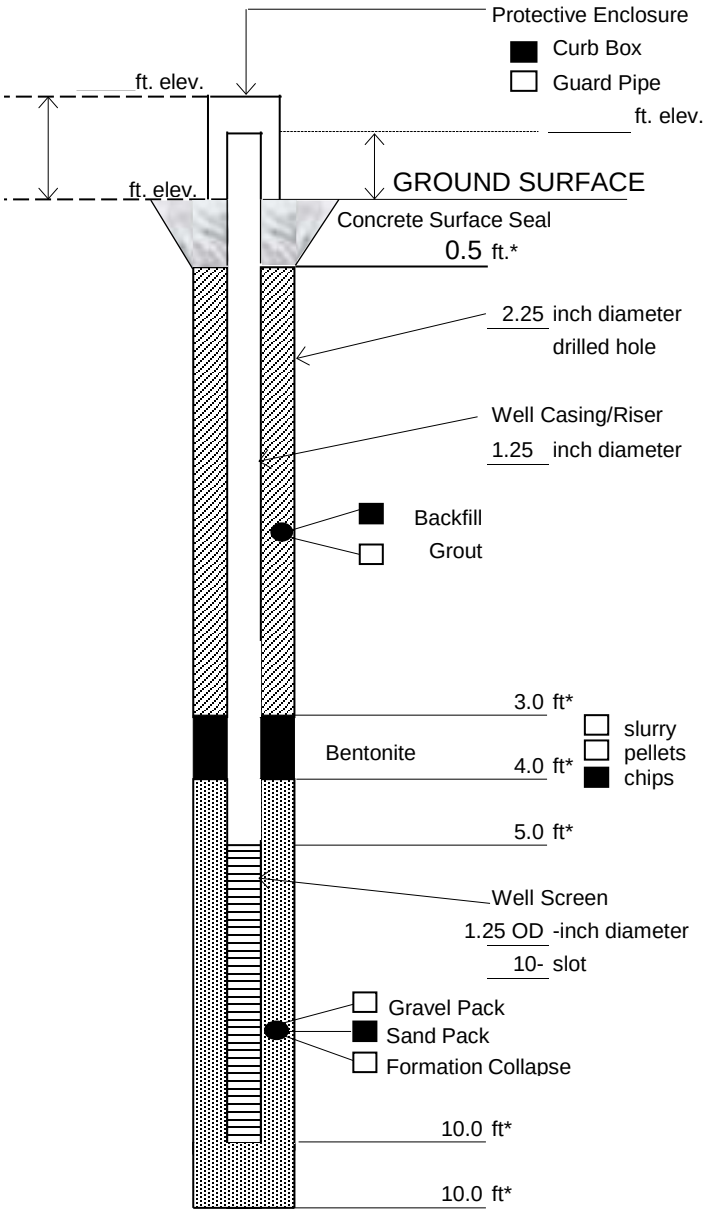
____	Bags of Cement	(____ lb. bags)
____	Lbs. of Bentonite	
____	Gallons of Water	
____	Grout Batches	

Notes:

Well No. MW-L

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-L Boring No.: B-L

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/4 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
5 ft. of 0.010 slot well screen
5 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

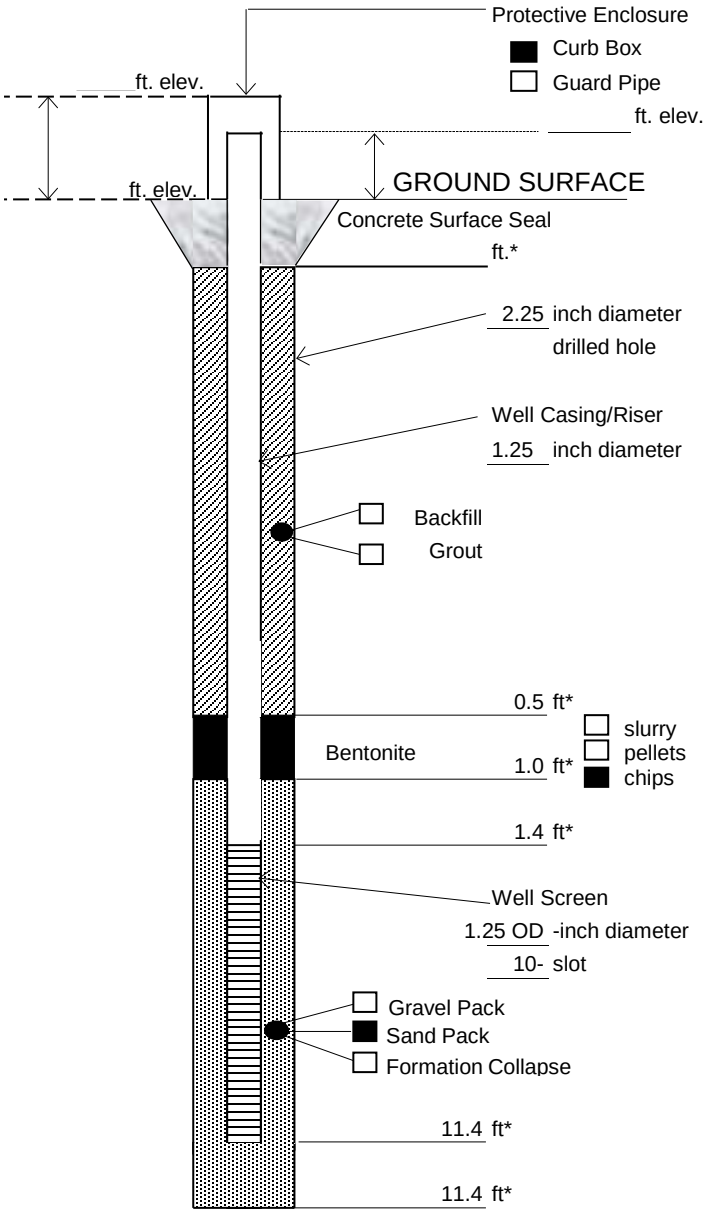
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

C.T. MALE ASSOCIATES

Well No. MW-M

MONITORING WELL CONSTRUCTION LOG



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-M Boring No.: B-M

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/4	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
1.4	ft. of	PVC riser	well riser
NA	Bags of Cement/Concrete	(____	lb. bags)
	Brand:		

Grout Mixture:

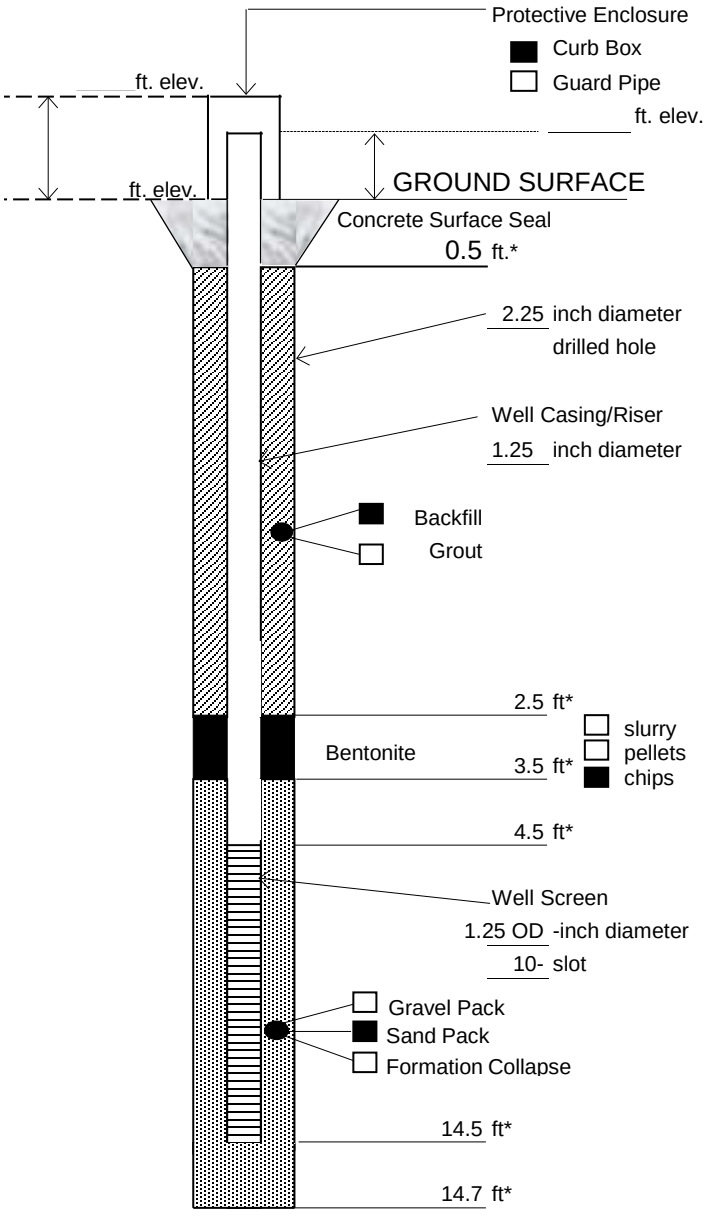
____	Bags of Cement	(____ lb. bags)
____	Lbs. of Bentonite	
____	Gallons of Water	
____	Grout Batches	

Notes:

Well No. MW-N

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-N Boring No.: B-N

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/4/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
10	ft. of	0.010 slot	well screen
4.5	ft. of	PVC riser	well riser
NA	Bags of Cement/Concrete	(____	lb. bags)
	Brand:		

Grout Mixture:

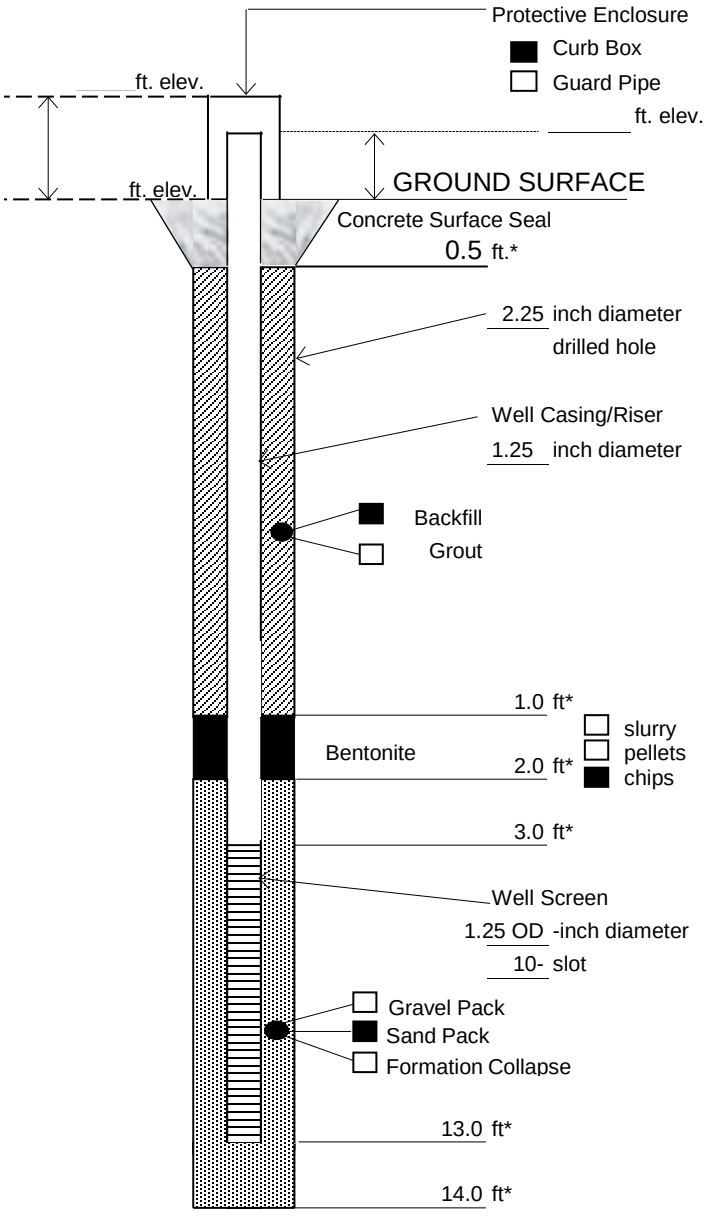
____	Bags of Cement	(____ lb. bags)
____	Lbs. of Bentonite	
____	Gallons of Water	
____	Grout Batches	

Notes:

Well No. MW-O

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-O Boring No.: B-O

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/5/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
3 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

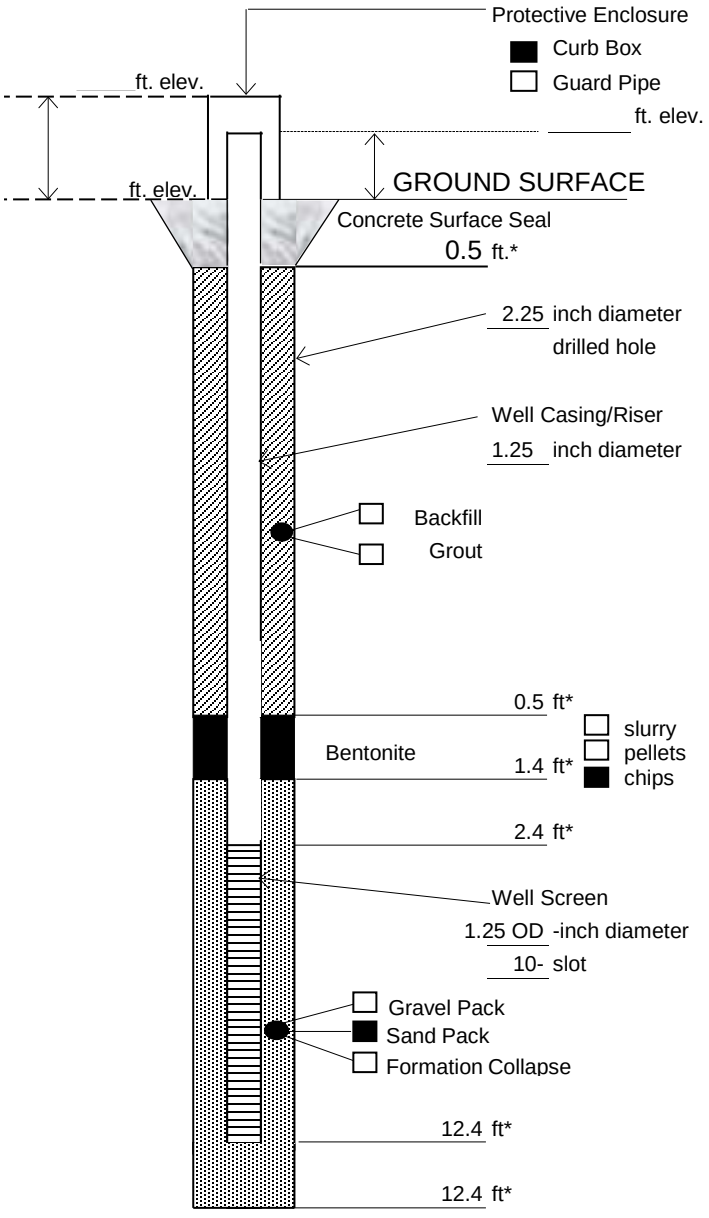
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-P

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-P Boring No.: B-P

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/5/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/3 Bags of Sand (50 lb. bags)
Sand Size: #1 Brand: FilPro
1/16 Bags of Bentonite (50 lb. bags)
Brand: HolePlug
10 ft. of 0.010 slot well screen
2.4 ft. of PVC riser well riser
NA Bags of Cement/Concrete (____ lb. bags)
Brand: ____

Grout Mixture:

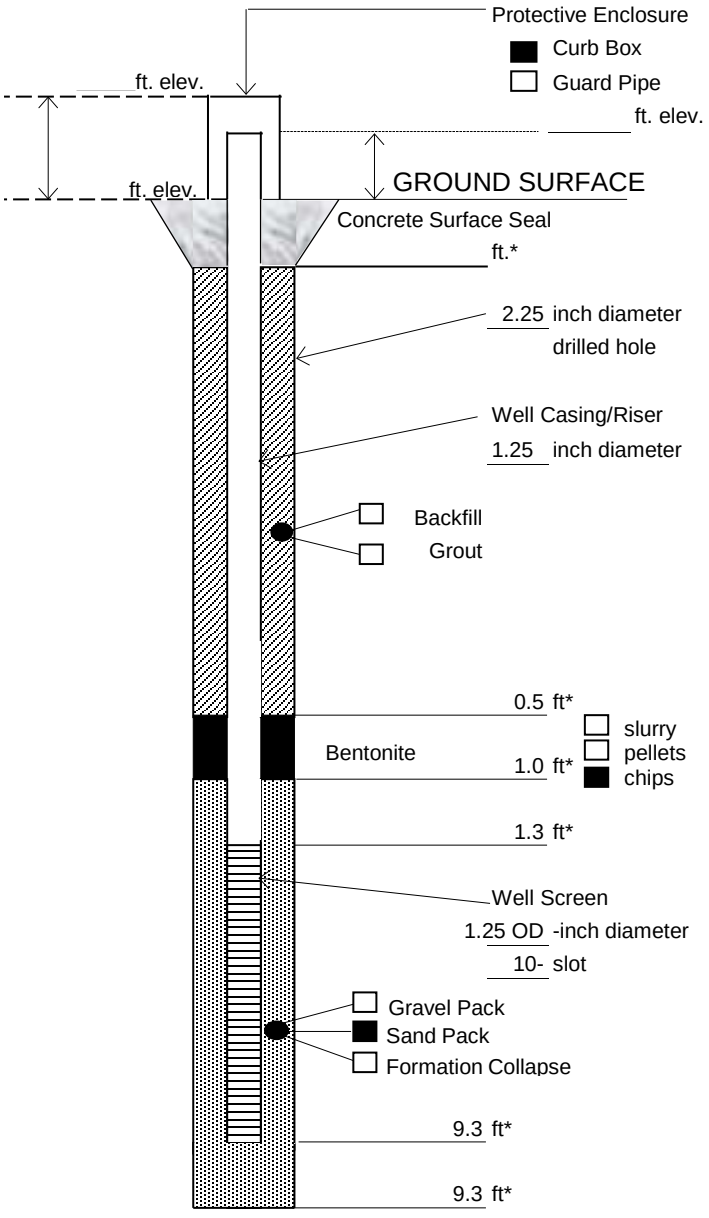
____ Bags of Cement (____ lb. bags)
____ Lbs. of Bentonite
____ Gallons of Water
____ Grout Batches

Notes:

Well No. MW-Q

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES



* Depth below ground surface.

Project Name: Cottage Place Gardens

Project Number: 14.4452

Well No.: MW-Q Boring No.: B-Q

Town/City: Yonkers

County: Westchester State: NY

Installation Date(s): 12/5/2014

Drilling Contractor: ADT, Inc.

Drilling Method: Direct Push with Track Mtd Geoprobe

Water Depth From Top of Riser: ____ ft ____ Date

C.T. Male Observer: S. Bieber

Materials Used:

1/4	Bags of Sand	(50	lb. bags)
	Sand Size: #1	Brand:	FilPro
1/16	Bags of Bentonite	(50	lb. bags)
	Brand:	HolePlug	
8	ft. of	0.010 slot	well screen
1.3	ft. of	solid PVC	well riser
NA	Bags of Cement/Concrete	(	lb. bags)
	Brand:		

Grout Mixture:

	Bags of Cement	(	lb. bags)
	Lbs. of Bentonite		
	Gallons of Water		
	Grout Batches		

Notes:

EXHIBIT 3

2016 C.T. MALE PHASE I ESA REPORT

(TEXT BODY)

March 18, 2016

Phase I
Environmental Site Assessment
Cottage Place Gardens Site
Buildings 1, 2, 4, 5, 8, 9, 12 & 13
8 Cottage Place
City of Yonkers
Westchester County, New York

Prepared for:

THE COMMUNITY BUILDERS, INC.
744 Broadway
Albany, New York 12207

Prepared by:

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C.T. Male Project No: 16.6146

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PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
COTTAGE PLACE GARDENS SITE

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SUMMARY

C.T. Male Associates review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental databases, and a site reconnaissance revealed the following with respect to Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), and Controlled Environmental Conditions (CRECs):

	No Further Action	REC	HREC	CREC	Refer to Section
Property Operations	X				2.3
Neighboring Properties	X				2.10
User Provided Information	X				3.0
Regulatory Review - Site	X				4.0
Regulatory Review – Surrounding Properties		X			4.0
Historical Review		X			5.0
Liquid Containing Equipment	X				6.2
Site Drainage	X				6.3
Site Waste Profile	X				6.4
Underground Storage Tanks		X			6.5
Above Ground Storage Tanks	X				6.5
Stressed Vegetation, Staining and Odors	X				6.6

Notes/Recommendations: To understand the subject site and report, the complete report needs to be reviewed. The findings, opinion and conclusions with respect to the subject site are presented in Section 7.0.

1.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) at the Cottage Place Gardens Site which is located in the City of Yonkers, Westchester County, New York. The site assessment was performed at the request of Mr. Jesse Batus of The Community Builders, Inc.

This site assessment has been performed in general conformance with the scope and limitations as outlined in ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with our contract dated March 4, 2016.

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment was to reasonably identify RECs on the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis*[1] conditions are not RECs. A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria. A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A finding of no RECs is not a warranty or guarantee that the site remains free from contamination. The purpose of this report is not intended to include *de minimis* conditions. This report is also not intended to serve as a compliance assessment of the subject property. This environmental site assessment is designed to reduce, but

[1] Conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

not eliminate, uncertainty regarding the potential for RECs in connection with the property, within reasonable limits of time and cost.

1.2 Scope of Work

This environmental site assessment consisted of the following scope of work:

- A site reconnaissance, including a walkthrough of the site buildings and site grounds, to identify areas of potential environmental concern;
- Interviews with site representatives knowledgeable of current and former site operations;
- Review of municipal property records and information provided by local government agencies;
- Review of historical information and documents;
- Review of federal and state agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the property; and
- Preparation of a report documenting the findings of the environmental site assessment.

1.3 Significant Assumptions

The following assumptions are made by C.T. Male Associates in this report. C.T. Male Associates relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property owner contact, computer databases and personal interviews. Except as set forth in this report, C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources, and has assumed that such information is accurate and complete. C.T. Male Associates assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow, unless otherwise specified by other data and information, is assumed based on land surface contours depicted on the United States Geological Survey topographic maps. C.T. Male Associates assumes the property has been correctly and accurately identified by the client and property owner contact.

1.4 Limitations and Exceptions of the Assessment

The information presented in this report is limited to the investigation conducted as described in the referenced ASTM guidelines for conducting environmental site assessments, and is not necessarily all inclusive of conditions present at the subject site. Due to inherent limits of time and cost, uncertainty about site conditions remains. The findings, opinion and conclusions stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the site visit. Specific limitations included the following:

- Access Limitations: None
- Physical Obstructions to Observations: Lack of lighting in the crawl spaces beneath the site buildings limited a clear view of these areas.
- Outstanding Information Requests: City of Yonkers and New York State Department of Health.
- Historical Data Source Failure: None
- Other: The information presented in the report is based on information gathered in accordance with the Scope of Services defined in Section 1 of this report. Information provided by site contacts and local, State and County officials known to be responsible for regulating and enforcing site area environmental conditions was utilized in assessing the environmental conditions at the site. The accuracy of conclusions drawn from this assessment is therefore dependent upon the accuracy of the information provided.

1.5 Special Terms and Conditions

This Phase I Environmental Site Assessment was prepared in accordance with the stated and agreed upon Scope of Work. No special terms and conditions are applicable to this assessment. This site assessment did not include a review of non-scope issues as identified by ASTM E 1527 including asbestos containing materials, radon, lead in drinking water, lead based paint, wetlands, regulatory compliance, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, mold and cultural & historic resources.

1.6 Reliance

This Phase I ESA has been prepared for the sole use of The Community Builders, Inc, its successors and/or assigns. The Municipal Housing Authority for the City of Yonkers may rely on this report. This Phase I ESA cannot be relied upon by other parties without the express written consent of C.T. Male Associates and The Community Builders, Inc.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject site is addressed as 8 Cottage Place in the City of Yonkers, Westchester County, New York. The subject site was identified on the City of Yonkers tax maps as being a portion of the parcel with section 2, block 2094, lot 1. A site location map is included in Appendix A as Figure 1. A map showing the site property boundaries is included in Appendix A as Figure 2.

2.2 Property/Business Owner

According to assessment records, the current property owner is the Municipal Housing Authority for the City of Yonkers (MHACY) of Yonkers, New York.

2.3 Current and Former Site Uses

The site has consisted of a public housing apartment complex since its construction in the late 1940s. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as early as 1886.

2.4 Total Site Area and Topographic Description

The subject site incorporates approximately 3.59 acres of land. According to the United States Geological Survey (USGS) Topographic Map, the subject site lies at approximately 90 to 130 feet above Mean Sea Level. Generally, the site slopes moderately from east to west.

2.5 Site Geology

Soils are mapped by the United States Department of Agriculture Web Soil Survey as Urban Land.

2.6 Site Buildings and Structures

There are currently 9 apartment buildings on the site. The buildings are numbered 1, 2, 4, 5, 8, 9, 12 & 13, as depicted on Figure 2. The buildings have red brick exteriors and flat roofs. Interior portions of the building consist of plaster walls and ceilings with tiled and concrete flooring. A summary of the buildings is provided in the following table.

Bldg Nos.	Description
1 & 2	Each building contains a main ground floor level plus three additional stories. A boiler room, utility room and compactor room are located on the main level in each building. Each building contains a crawl space type basement that is used for utility access. Building 1 contains a public laundry room on the main level. Building 2 is compromised of two apartment buildings, 2S and 2N, and contains a computer room on the main floor. The buildings are not equipped with elevators.
4, 5, 8, 9 & 13	Each building contains a main ground floor level plus three additional stories. A hot water/utility room and compactor room are located on the main level in each building. Each building contains a crawl space type basement that is used for utility access. Building 5 contains a public laundry room on the main level. Buildings 4 and 5 are each equipped with elevators as these buildings are delegated to senior citizens. Building 8 contains the complex management office and recreation room on the main floor. Building 4 contains a community room on the main floor.
12	Building 12 contains a main ground floor level plus three additional stories. The northern ground level of the building contains a utility room, compactor room and maintenance shop for the site's maintenance personnel. The southern side of the building contains a full basement housing the site's main boiler room. A smoke stack is located at the southeast exterior of the building.

2.7 Site Utilities

Electricity and natural gas are supplied to the site by Con Edison. Municipal water and sewer service are provided by the City of Yonkers. Site buildings 4, 5, 8, 9, 12 and 13 are heated by hot water radiant heat that is generated from two natural gas fired boilers located in the basement of Building 12. According to the site contact, the boilers were converted to natural gas approximately five years ago. Prior to this, the boilers were fueled by fuel oil stored in underground storage tanks. Buildings 1 and 2 are each heated by hot water radiant heat that is generated from natural gas fired boilers located on the main level of each building. According to the site contact, Buildings 1 and 2 originally obtained their hot water radiant heat from the main boilers in Building 12. Individual boilers were reportedly installed in Buildings 1

and 2 approximately 5 years ago as a result of a faulty hot water supply line into these buildings from the main boiler in Building 12.

2.8 Roadways or Driveways on or Adjoining the Site

The primary entrance to the site is from Irving Place which originates from Warburton Avenue and terminates in a cul-de-sac to the northeast of Building 12. Willow Place borders the eastern portion of the site to the north and Cottage Place borders the site to the east. Bishop WM Walls Place lies adjacent to the southeast of the site and terminates n a cul-de-sac northeast of Building 5. A small paved parking lot located east of Building 5 is accessed from a driveway originating at this cul-de-sac.

2.9 Surrounding Land Uses

The surrounding land uses, as identified during the site visit, are described as follows:

North - Buildings 3, 6 and 7 of Cottage Place Gardens, Willow Place followed by a church, a building currently under construction (188 Warburton Avenue formerly occupied by Buildings 10 and 11 of Cottage Place Gardens).

West - Multi-family dwellings, vacant land and an automotive repair facility which front Warburton Avenue and Wood Place.

East - Old Croton Aqueduct easement and a church followed by multi-family dwellings.

South - High rise apartment complex with parking lot and multi-family housing complex (former Public School No. 6).

3.0 USER PROVIDED INFORMATION

The user (Jesse Batus of The Community Builders) was provided a "user questionnaire" along with the proposed scope of services. The user returned a completed questionnaire which is included in Appendix C.

Note: In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, (the "Brownfields Amendments"), the user must provide the information outlined in this section. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

3.1 Title Records

A chain of title or other title records were not provided by the user for review at the time of this report.

3.2 Environmental Liens or Activity and Use Limitations

According to the response to the user questionnaire, the user is not aware of environmental liens or activity or use limitations for the site.

It is recommended that the user engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations recorded against or related to the property to satisfy Sections 3.1 and 3.2 of this report.

3.3 Specialized Knowledge

According to the response to the user questionnaire, the user has specialized knowledge of the site. The user is a real estate developer with knowledge of the area from other development initiatives.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the response to the user questionnaire, the user has no knowledge of commonly known or reasonably ascertainable information concerning the site.

3.5 Degree of Obviousness of Contamination

According to the response in the user questionnaire, the user does have knowledge of obvious indicators that point to the presence or likely presence of contamination at the property. A Phase II ESA investigation previously conducted on the site by C.T.

Male Associates and revealed fill conditions and metal-contaminated soils. Furthermore, adjoining properties have reportedly had a history of petroleum contamination.

3.6 Valuation Reduction for Environmental Issues

Not applicable, this ESA is not being prepared pursuant to the sale of the property.

3.7 Reason for Performing Phase I

The reason for performing this Phase I ESA is for the redevelopment of the parcel.

3.8 Other User Provided Information

The user provided the previous ESAs as discussed in Section 5.1.

4.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal and state environmental databases were reviewed in accordance with ASTM E-1527 Standards to determine if the site or nearby surrounding properties are listed on these databases. The databases were searched for the areas within the ASTM recommended search distance, unless otherwise noted. Reviewed databases are listed below. A copy of the database report is included in Appendix E.

4.1 Federal National Priorities List (NPL) Facilities (Listed and De-Listed)

The subject site was not listed as a NPL hazardous waste facility. One NPL facility was listed within one mile of the subject site, it being the Hudson River PCBs. Based on area topography, the Hudson River does not appear to be located hydraulically up-gradient relative to the subject site.

4.2 Federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Waste Facility List

The subject site was not listed as a CERCLA hazardous waste facility. In addition to the Hudson River PCBs, one CERCLA hazardous waste facility was listed within ½ mile of the subject site. The facility is the Patclin Chemical Company, 66 Alexander Street, located approximately 0.22 miles west-southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.3 Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities List

The subject site was not listed as a RCRA TSD facility. No RCRA TSD facilities were listed within ½ mile of the subject site.

4.4 Federal RCRA Generators List and Corrective Action List

The subject site was not listed on the RCRA generator list. The site's south adjoining Public School 6 property was listed as a large quantity generator of hazardous levels of lead in relation to remedial activities conducted at this site as part of its inclusion in the NYS Brownfields Cleanup Program. The facility is no longer regulated.

The subject site was not listed as a RCRA Corrective Action facility. No RCRA Corrective Action facilities were listed within one mile of the subject site.

4.5 Federal Emergency Response Notification System (ERNS) List

The subject site was not listed on the ERNS list.

4.6 Federal Institutional Control and Engineering Control Registries

The subject site was not listed on the Federal Institutional Control or Engineering Control registries.

4.7 State/Tribal Hazardous Waste Facility List

The subject site was not listed as a State or Tribal hazardous waste facility. One State hazardous waste facility was listed within one mile of the subject site. The facility is Bicc Cables, 1 Point Street, located 4/10 miles north of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.8 State/Tribal Solid Waste Facility List

The subject site was not listed on the State or Tribal solid waste facility list. One State listed solid waste facility was listed within ½ mile of the subject site. The facility is Danny's Towing, 98-100 Warburton Avenue, located approximately ¼ mile south of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.9 State Petroleum Bulk Storage (PBS) Tank and Chemical Bulk Storage (CBS) Facilities

The site was not listed on the State PBS or CBS facilities list.

The following immediately adjoining properties were listed on the State PBS facilities list:

All County Homes Corp. (Former Scott Station)
178 Warburton Ave
Site's western adjoining property

The database report indicates that 11 underground tanks were closed by removal at this facility. The tanks ranged in capacity from 750 to 3,000 gallons.

Yonkers Public School No. 6
33 Ashburton Avenue
Site's southern adjoining property

The database report indicates that a 5,000-gallon underground tank and a 20,000-gallon underground tank were closed by removal at this facility.

4.10 State/Tribal Leaking Storage Tanks List

The site was not listed on the State or Tribal leaking storage tank list. One hundred ten (110) leaking storage tank incidents were listed within ½ mile of the site. The leaking tank incidents are listed as closed.

4.11 State/Tribal Institutional Control and Engineering Control Registries

The subject site was not listed on State or Tribal Institutional Control or Engineering Control registries.

4.12 State/Tribal Voluntary Cleanup Program (VCP) List

The site was not listed on the state or tribal VCP list. Five VCP facilities and three Environmental Restoration Program (ERP) facilities were listed within ½ mile of the site. Based on area topography, these facilities do not appear to be located hydraulically up-gradient relative to the subject site.

4.13 State/Tribal Brownfields List

The site was not listed on the State or Tribal Brownfields list. Twenty-three Brownfields sites were identified within ½ mile of the subject site. Two of the Brownfields sites adjoin the subject site as follows:

- The 188 Warburton Avenue site constitutes the site's northwestern adjoining property. This site was issued a Certificate of Completion in December 2015 and is considered hydraulically down-gradient of the site with respect to inferred groundwater flow direction.
- The 33 Ashburton Avenue site constitutes the site's southeastern adjoining property. The 33 Ashburton Avenue site received a Certificate of Completion from NYSDEC in 2013. During the course of the remedial activities, it was discovered that petroleum impacted soils and groundwater were present at the northern property boundary of the 33 Ashburton Avenue site and that these contaminants had migrated onto the subject site. The source of the petroleum contamination on the 33 Ashburton Avenue site was determined to be from an off-site former gasoline station located immediately east of the 33 Ashburton Avenue site. Contaminants extending beyond the 33 Ashburton

Avenue site boundaries were not remediated as a function of the brownfields cleanup.

4.14 Applicable State Lists

The New York State Department of Environmental Conservation (NYSDEC) spills database was reviewed to determine if spills have occurred at the subject site or adjoining parcels. No spills were listed for the subject site.

The following spills were listed for the immediately adjoining parcels:

Fisher
26 Willow Place
Site's NE adjoining property
Spill Status: Closed

Habitat for Humanity
27 Willow Place
Site's northern adjoining property
Spill Status: Closed

188 Warburton Ave. Site
188 Warburton Avenue
Site's NW adjoining property
Spill Status: Closed

Ame Zion Church
42 Bishop Walls Place
Site's SE adjoining property
Spill Status: Closed

5.0 RECORDS REVIEW AND INTERVIEWS

5.1 Previous Environmental Site Assessments

A Phase I ESA was completed for the subject site by C.T. Male. The report, dated August 27, 2014, was completed for the Cottage Gardens Complex exclusive of Buildings 10 and 11. The following RECs were identified for the site:

- A leaking fuel oil tank has impacted soils on the site's northeast adjoining 26 Willow Place property, which is located hydraulically up-gradient of the subject site with respect to inferred groundwater flow direction.
- Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields site have migrated onto the subject site.
- A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portions of the site.
- Two, out of service, 20,000 gallon underground fuel oil tanks are currently located beneath the site, adjacent east of Building 12. The tanks were taken out of service approximately three years ago when the site boilers were converted to natural gas.

A Phase II ESA was conducted in February 2015 to evaluate subsurface conditions and the overall environmental quality of site soils and groundwater. The Phase II ESA involved the advancement of 17 soil borings of which 16 were converted into monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. Advancement of the test borings also aided in evaluating the site's subsurface conditions. Of the 16 monitoring wells, nine fell within the bounds of the site. The boring that was not converted into a monitoring well was advanced within the north central portion of the site.

One sample from each of the test boring was submitted for laboratory analysis. The selection of the samples for laboratory analysis was based on perceived evidence of subjective impacts and the occurrence of uncontrolled soil/fill materials. The samples were analyzed for the Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, and the Target Analyte List (TAL) for metals including cyanide.

Due to limited groundwater volume, monitoring wells MW-B, MW-L and MW-M were analyzed for TCL VOCs and TAL metals only, monitoring well MW-P was

analyzed for TCL VOCs, TCL SVOCs and TAL metals only, and monitoring well MW-N contained sufficient groundwater volume for analysis for the TCL VOCs, SVOCs, pesticides, and PCBs, the TAL for metals, and cyanide. Due to the absence or insufficient groundwater volume, groundwater samples were not collected from monitoring wells MW-1, MW-J, MW-K and MW-Q.

Subsurface conditions at each of the borings generally consisted of brown sand and silt with varying percentages of gravel, or brown sand with varying percentages of silt and gravel. Fill material, consisting primarily of red brick and ash with less frequent occurrences of cinder and coal, was encountered in most of the borings. Subjective impacts to soils were not encountered at any of the test borings. Photoionization (PID) readings were below 3 parts per million (ppm) and the recovered soil samples did not exhibit staining and/or chemical/petroleum-type odors.

Up to four (4) metals (copper, lead, mercury and zinc) were detected at concentrations exceeding Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375 SCOs in the soil samples collected from the site. Additionally, seven SVOCs (Benzo(a)anthracene, Chrysene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene and Benzo(b)fluoranthene) were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring MW-K, which was advanced near the northeastern corner of Building 5.

Pesticides and PCBs were not detected above the laboratory's method detection limit within the groundwater samples. Three VOCs were detected above the laboratory's method detection limit with two VOCs detected above groundwater standards and guidance values. Acetone was detected above its guidance value of 50 parts per billion (ppb) at monitoring well MW-P (100 ppb), which is located in the vicinity of Building 12. 1,2-Dichloropropane was detected above its standard of 1 ppb at monitoring well MW-L (1.6 ppb), which is located hydraulically down-gradient relative to the 33 Ashburton Avenue Brownfields site.

Three SVOCs were detected above the laboratory's method detection limit with one SVOC detected above groundwater standards and guidance values. Phenol was detected above its standard of 1 ppb ay monitoring well MW-P (2 ppb), which is located in the vicinity of Building 12.

Twenty-one metals were detected above the laboratory's method detection limit with seven metals (Chromium, Iron, Lead, Magnesium, Manganese, Mercury and Sodium) detected above standards and guidance values. Chromium was detected above its groundwater standard of 50 ppb at 3 of 5 sampling locations within a concentration range of 66.5 to 119 ppb. Iron was detected above its groundwater standard of 300 ppb at five of five sampling locations within a concentration range of 2,210 to 48,100 ppb. Lead was detected above its groundwater standard of 25 ppb at three of five sampling locations within a concentration range of 76.8 to 459 ppb. Magnesium was detected above its groundwater guidance value of 35,000 ppb at one of five sampling locations at a concentration of 45,000 ppb. Manganese was detected above its groundwater standard of 300 ppb at four of five sampling locations within a concentration range of 772 to 7,370 ppb. Mercury was detected above its groundwater standard of 0.7 ppb at one of five sampling locations at a concentration of 4.76 ppb. Sodium was detected above its groundwater standard of 20,000 ppb at five of five sampling locations with a concentration range of 32,000 to 1,198,700 ppb.

The text portions of the previous ESA reports are included in Appendix D.

5.2 Aerial Photographs

Aerial photographs were reviewed for the years 2005 and 2010 from Google Earth and for the years 1954, 1966, 1974, 1989 and 1994 as provided by Environmental Data Resources (EDR). All of the reviewed photos depict multiple buildings on the subject site consistent with present day conditions. The aerial photographs are included in Appendix A as Figures 3A-3G. The boundaries depicted on the photographs are for schematic purposes only and do not represent the actual boundaries of the site.

5.3 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were reviewed for the years 1886, 1898, 1917, 1942, 1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004. The maps depict the following:

1886, 1898, 1917 and 1942 maps: These maps show the site developed with multiple structures used as single and multi-family dwellings and as stores. Three roads transect the site; Irving Place, Wood Place and Cottage Place. A structure identified as a "Garage" is depicted on the 1917 map on southeastern portion of the site.

1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004 maps: These maps show the site developed with multiple apartment buildings consistent with present day conditions.

The Sanborn maps are included in Appendix A as Figures 4A-4M. Boundaries depicted on the maps are for schematic purposes only and do not represent the actual boundaries of the site.

5.4 Information From Local Official(s)

A Freedom of Information Law (FOIL) request was submitted to the City of Yonkers Clerk requesting documents from the following departments: Assessment, Building Department, Historian, Engineering, Fire Department and Clerk. At the time of this report a response had not been received from the City of Yonkers. If pertinent information is received, it will be forwarded upon receipt.

Property assessment records were reviewed on-line from Landmax Data Systems. Site use is noted as apartments on the on-line records. On-line assessment records from the City of Yonkers note site use as apartments/public housing. Historic property record cards indicate the site buildings were constructed in 1948.

5.5 Information From Health Department Official(s)

A FOIL request was submitted to the New York State Department of Health to determine if the Department of Health has records concerning soil or groundwater contamination for the subject site. At the time of this report a response had not been received from the Department of Health. If pertinent information is received, it will be forwarded upon receipt.

5.6 Information From Current or Former Property Owner(s)

Michael Hardy, a maintenance worker for MHACY, was the site contact for this assessment and acted as a representative of the current property owner. Mr. Hardy was interviewed after the site visit. MHACY maintenance personnel provided a tour of the site buildings and grounds.

The current property owner representative was not aware of environmental liens or activity/land or use limitations for the site. Other information from Mr. Hardy is included in the appropriate sections of this report.

5.7 Information From the Site Manager

Mr. Hardy acted as the site manager.

5.8 Information from the Site Occupants

Tenants of Cottage Place Gardens were not available for interviews.

Records of communication are included in Appendix D.

6.0 SITE RECONNAISSANCE

6.1 Conditions of the Reconnaissance

6.1.1 Site Contact(s)

Michael Hardy of MHACY was the site contact and was present during the site visit. MHACY maintenance personnel provided access to the buildings.

6.1.2 Date of Visit

The site reconnaissance was conducted on Monday, March 14, 2016 by Ms. Brittany Winslow of C.T. Male Associates. During the site visit the weather was approximately 40°F with cloudy skies.

6.1.3 Areas Observed

The site and surrounding areas were observed from Warburton Avenue, Irving Place, Willow Place, Cottage Place and the approximate site boundaries. The central areas of the site were traversed and the buildings entered. Photographs taken during the site visit are included in Appendix B.

6.1.4 Limiting Conditions

Limited lighting in the basement crawlspaces beneath the buildings limited a clear view of conditions within these areas.

6.2 Polychlorinated Biphenyl-Containing (PCB)/Liquid Containing Equipment

One pole-mounted transformer was identified on the site along the south side of Irving Place. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

The site contact indicated that there are no other transformers or capacitors on the subject site.

6.3 Site Drainage

6.3.1 Site Catch Basins and Discharge Location(s)

Several catch basins were identified in grassy, concrete and asphalt covered areas throughout the site. According to the site contact, the catch basins discharge to the City of Yonkers storm water sewer system. Staining was not observed in media surrounding the catch basins.

6.3.2 Site Surface Water Bodies/Areas

No surface water bodies were identified on the site during the site visit.

6.3.3 Building Floor Drains and Discharge Location(s)

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within all of the buildings, and in the boiler rooms in Buildings 1, 2 and 12. According to the site contact, all floor drains discharge to the City of Yonkers sanitary sewer system. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

6.3.4 Dry Wells and Sumps

No dry wells or sumps were identified on the site during the site visit. According to the site contact, no dry wells or sumps are located on the site.

6.4 Site Waste Profile

6.4.1 Solid Wastes/Waste Deposits (Piles/Pits/Landfills/Lagoons)

Household type refuse generated by the site tenants is temporarily stored in garbage compactors located in each of the site buildings. No other solid wastes were identified on the site during the site visit. According to the site contact, no other solid wastes are generated, stored or disposed of on the site.

No waste deposits were identified on the site during the site visit. The site contact was not aware of waste deposits being located on the site.

6.4.2 Sludges (Generation/Storage/Disposal)

No sludge wastes were identified on the site during the site visit. According to the site contact, no sludges are generated, stored or disposed of on the site.

6.4.3 Liquids (Generation/Storage/Disposal)

No liquid wastes were identified on the site during the site visit. According to the site contact, no liquid wastes are generated, stored or disposed of on the site.

6.4.4 Wastewater Discharge(s)

No wastewater discharges were identified on the site during the site visit. According to the site contact, no wastewater is generated on the site.

6.4.5 Waste Lagoons or Disposal Pits (Current and Historic)

No waste lagoons or disposal pits were identified on the site during the site visit. According to the site contact, no current or historic waste lagoons or disposal pits are located on the site.

6.4.6 On-site Septic Systems

No septic systems were identified on the site during the site visit. The site is reportedly connected to the City of Yonkers municipal sewer system.

6.4.7 Drums/Containers

No drums of waste were identified on the site during the site visit. According to the site contact, no drums of waste are stored on the site.

55-gallon drums of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of cleaning products were observed in the maintenance shop in Building 12. Containers of cleaning products and paints were observed in a storage room in Building 2. The containers ranged in size from less than one quart to five gallons. The containers were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the containers.

6.5 Underground Storage Tanks (USTs) and/or Above Ground Storage Tanks (ASTs)

Two, 20,000-gallon underground fuel oil tanks are located on the site adjacent east of Building 12. The site contact indicated that the tanks were installed in 1948 and have been used to store fuel oil for the boilers up until approximately five years ago, when the boilers were converted to natural gas. The site contact indicated that the tanks have been emptied out and that the tanks have passed tank tightness testing. The site contact indicated that there are no other underground and aboveground tanks on the site.

Small, approximate five to 10 gallon aboveground steel tanks containing hydraulic oil are located in the trash compactor rooms in each of the site buildings and in the

elevator rooms in Buildings 4 and 5. The tanks did not appear to be leaking and liquids and heavy staining was not observed on flooring surrounding the tanks.

6.6 Observed Evidence of Potential or Known Site Contamination

6.6.1 Evidence of Soil Contamination/Liquid Discharges

Evidence of soil contamination or liquid discharges was not identified on the site during the site visit. Stressed vegetation was not identified on the site during the site visit. The site contact was not aware of soil or groundwater contamination from either on-site or off-site sources.

6.6.2 Soil or Surface Disturbances

No soil or surface disturbances were identified on the site during the site visit.

7.0 FINDINGS, OPINION AND CONCLUSIONS

7.1 Findings

The site has consisted of a public housing apartment complex since its construction in the late 1940s. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as early as 1886.

The site was not listed in the environmental database report. Several facilities were listed in the database report including the following adjoining properties:

- The site's northeast adjoining 26 Willow Place property was listed in the environmental database reports as a leaking tank facility. According to the database report and the NYSDEC Spill Record, an unknown quantity of fuel oil has impacted soils at this property. The 26 Willow Place property is considered hydraulically up-gradient of the site with respect to inferred groundwater flow direction.
- Petroleum impacted groundwater that has migrated through the 33 Ashburton Avenue Brownfields site from an off-site up-gradient source has impacted the subject site.

A 1917 historic Sanborn map identified a structure labeled as a "Garage" on southeastern portions of the site. Specific uses of the garage are not known.

One pole-mounted transformer was identified on the site along the south side of Irving Place. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within the site buildings, and in the boiler rooms in Buildings 1, 2 and 12. According to the site contact, the floor drains discharge to the City of Yonkers sanitary sewer system. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

55-gallon drums of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of cleaning products were observed in the maintenance shop in Building 12. Containers of cleaning products and paints were observed in a storage room in Building 2. The containers ranged in size from less than one quart to five gallons. The containers were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the containers.

Two, 20,000-gallon underground fuel oil tanks are located on the site adjacent east of Building 12. The site contact indicated that the tanks were installed in 1948 and have been used to store fuel oil for the boilers up until approximately five years ago, when the boilers were converted to accept natural gas as a fuel. The site contact indicated that the tanks have been emptied out and that the tanks have passed all tank tightness testing. The site contact indicated that there are no other underground and aboveground tanks on the site.

Small (approximate five to 10 gallon) aboveground steel tanks containing hydraulic oil are located in the trash compactor rooms in each of the site buildings and in the elevator rooms in Buildings 4 and 5. The tanks did not appear to be leaking and liquids and heavy staining was not observed on flooring surrounding the tanks.

A Phase II ESA was conducted in February 2015 to evaluate subsurface conditions and the overall environmental quality of site soils and groundwater. The Phase II ESA involved the advancement of 10 soil borings on-site of which 9 were converted into monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. The laboratory analysis found up to four (4) metals (copper, lead, mercury and zinc) were detected at concentrations exceeding Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375 SCOs in the soil samples collected from the site. Additionally, seven SVOCs were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring MW-K, which was advanced near the northeastern corner of Building 5. Twenty-one metals were detected above the laboratory's method detection limit with seven metals (Chromium, Iron, Lead, Magnesium, Manganese, Mercury and Sodium) detected above standards and guidance values in the groundwater samples. Three VOCs and three SVOCs were detected above the laboratory's method detection limit with two VOCs and one SVOC detected above groundwater standards and guidance values.

7.2 Opinion

It is our opinion that the information and data collected during this Phase I ESA indicates the possible presence of hazardous substances or petroleum product within the site under conditions which indicate an existing release, past release or material threat of a release. This opinion is based on both on-site and offsite sources.

7.3 Conclusions

C.T. Male Associates has completed a Phase I Environmental Site Assessment for the Cottage Place Gardens Site in general conformance with the scope and limitations of ASTM Practice E 1527. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

A leaking fuel oil tank has impacted soils on the site's northeast adjoining 26 Willow Place property, which is located hydraulically up-gradient of the subject site with respect to inferred groundwater flow direction.

Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields site have migrated onto the subject site.

A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portions of the site.

Two, out of service, 20,000 gallon underground fuel oil tanks are currently located beneath the site, adjacent east of Building 12. The tanks were taken out of service approximately five years ago when the site boilers were converted to natural gas.

A Phase II ESA conducted in February 2015 found elevated levels of metals in on-site soils on-site as well as elevated concentrations of metals, SVOCs and VOCs in on-site groundwater.

7.4 Opinion Regarding Further Inquiry

Based on the findings of this ESA, further inquiry of the site is not recommended at this time. It is our understanding that the contaminated soils at the site will be addressed under the purview of the NYSDEC as it relates to its future inclusion in the Brownfield Cleanup Program.

8.0 DEVIATIONS AND ADDITIONAL SERVICES

Deletions or deviations from the ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, are described in Section 1.0 of this report.

No additional services beyond the scope of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process were completed in conjunction with this Phase I ESA.

9.0 SIGNATURES

We declare that, to the best of our professional knowledge and belief we meet the definition of Environmental Professional as defined in 312.21 of 40 CFR Part 312. And we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,
C.T. MALE ASSOCIATES



Brittany Winslow
Environmental Scientist

Reviewed and Approved By:



Kirk Moline
Project Manager

CTMA Project No. 16.6146
March 18, 2016
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10.0 REFERENCES

PEOPLE AND AGENCIES CONTACTED

- Jesse Batus, The Community Builders, Inc.
- Michael Hardy, The Municipal Housing Authority for the City of Yonkers
- City of Yonkers Historian
- City of Yonkers Building Department
- City of Yonkers Assessor's Office
- City of Yonkers Fire Department
- City of Yonkers Clerk's Office
- City of Yonkers Engineer's Office
- New York State Department of Health

DOCUMENTS REVIEWED

- Aerial Photographs of the Yonkers Quadrangle for the years: 1954, 1966, 1974, 1989 and 1994 courtesy of Environmental Data Resources, Inc. Aerial Photographs of the Yonkers Quadrangle for the years: 2005 and 2010 courtesy of Google Earth.
- Environmental Database Report provided by Environmental Data Resources, Inc.
- Fire Insurance Maps from the Sanborn Map Company Archives. Late 19th Century to 1990: New York University Publications of America. Bethesda, Maryland (New York State Library).
- On-line assessment records provided by Landmax Data Systems.
- Phase I Environmental Site Assessment Report – Cottage Place Gardens Site, Prepared by C.T. Male, dated August 27, 2014.
- Phase II Environmental Site Assessment Report – Cottage Place Gardens Site, Prepared by C.T. Male, dated February 24, 2015.
- United States Department of Agriculture, Natural Resource Conservation Service, Web Soil Survey.
- United States Geological Survey Topographic Map of the Yonkers, NY Quadrangle, 1998, 7.5 Minute Series.

EXHIBIT 4

2017 C.T. MALE PHASE I ESA REPORT

(TEXT BODY)

January 19, 2017

Phase I Environmental Site Assessment Cottage Place Gardens Phases IV & V Buildings 4, 5, 8, 9, 12 and 13 at 8 Cottage Place and 172 Warburton Avenue City of Yonkers Westchester County, New York

Prepared for:

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PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
COTTAGE PLACE GARDENS PHASES IV & V SITE

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SUMMARY

C.T. Male Associates review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental databases, and a site reconnaissance revealed the following with respect to Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), and Controlled Environmental Conditions (CRECs):

	No Further Action	REC	HREC	CREC	Refer to Section
Property Operations	X				2.3
Neighboring Properties	X				2.10
User Provided Information	X				3.0
Regulatory Review - Site	X				4.0
Regulatory Review – Surrounding Properties		X			4.0
Historical Review		X			5.0
Liquid Containing Equipment	X				6.2
Site Drainage	X				6.3
Site Waste Profile	X				6.4
Underground Storage Tanks		X			6.5
Above Ground Storage Tanks	X				6.5
Stressed Vegetation, Staining and Odors	X				6.6

Notes/Recommendations: To understand the subject site and report, the complete report needs to be reviewed. The findings, opinion and conclusions with respect to the subject site are presented in Section 7.0.

1.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) at the Cottage Place Gardens Phases IV & V Site which is located in the City of Yonkers, Westchester County, New York. The site assessment was performed at the request of Jesse Batus, of The Community Builders.

This site assessment has been performed in general conformance with the scope and limitations as outlined in ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with our proposal dated August 10, 2016.

1.1 Purpose

The purpose of this Phase I ESA was to reasonably identify RECs on the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis*[1] conditions are not RECs. A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria. A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A finding of no RECs is not a warranty or guarantee that the site remains free from contamination. The purpose of this report is not intended to include *de minimis* conditions. This report is also not intended to serve as a compliance assessment of the subject property. This environmental site assessment is designed to reduce, but

[1] Conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

not eliminate, uncertainty regarding the potential for RECs in connection with the property, within reasonable limits of time and cost.

1.2 Scope of Work

This Phase I ESA consisted of the following scope of work:

- A site reconnaissance, including a walkthrough of the site buildings and site grounds, to identify areas of potential environmental concern;
- Interviews with site representatives knowledgeable of current and former site operations;
- Review of municipal property records and information provided by local government agencies;
- Review of historical information and documents;
- Review of federal and state agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the property; and
- Preparation of a report documenting the findings of the environmental site assessment.

1.3 Significant Assumptions

The following assumptions are made by C.T. Male Associates in this report. C.T. Male Associates relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property owner contact, computer databases and personal interviews. Except as set forth in this report, C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources, and has assumed that such information is accurate and complete. C.T. Male Associates assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow, unless otherwise specified by other data and information, is assumed based on land surface contours depicted on the United States Geological Survey topographic maps. C.T. Male Associates assumes the property has been correctly and accurately identified by the client and property owner contact.

1.4 Limitations and Exceptions of the Assessment

The information presented in this report is limited to the investigation conducted as described in the referenced ASTM guidelines for conducting environmental site assessments, and is not necessarily all inclusive of conditions present at the subject site. Due to inherent limits of time and cost, uncertainty about site conditions remains. The findings, opinion and conclusions stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the site visit. Specific limitations included the following:

- Access Limitations: None (Note: Representative areas within the site buildings were entered; however due to the size and number of spaces, each was not observed at the time of the site visit.)
- Physical Obstructions to Observations: Snow covered the ground surface obstructing visual observations of the ground. Lack of lighting in the crawl spaces beneath the apartment buildings limited a clear view of these areas.
- Outstanding Information Requests: City of Yonkers and Westchester County Department of Health.
- Historical Data Source Failure: None
- Other: The information presented in the report is based on information gathered in accordance with the Scope of Services defined in Section 1 of this report. Information provided by site contacts and local, State and County officials known to be responsible for regulating and enforcing site area environmental conditions was utilized in assessing the environmental conditions at the site. The accuracy of conclusions drawn from this assessment is therefore dependent upon the accuracy of the information provided.

1.5 Special Terms and Conditions

This Phase I ESA was prepared in accordance with the stated and agreed upon Scope of Work. No special terms and conditions are applicable to this assessment. This site assessment did not include a review of non-scope issues as identified by ASTM E 1527 including asbestos containing materials, radon, lead in drinking water, lead based paint, wetlands, regulatory compliance, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, mold and cultural & historic resources.

1.6 Reliance

This Phase I ESA has been prepared for the sole use of The Community Builders. This Phase I ESA cannot be relied upon by other parties without the express written consent of C.T. Male Associates and The Community Builders.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject site is located at 8 Cottage Place and 172 Warburton Avenue in the City of Yonkers, Westchester County, New York. The subject site was identified on the City of Yonkers tax maps as the following:

Address	Tax Map Number (Section-Block-Lot)
8 Cottage Place	2-2094-1 (southwestern portion only)
172 Warburton Avenue	2-2094-56

A site location map is included in Appendix A as Figure 1. A map showing the site property boundaries is included in Appendix A as Figure 2A.

2.2 Property/Business Owner

According to assessment records, the current property owner is Municipal Housing Authority for the City of Yonkers of Yonkers, New York.

2.3 Current and Former Site Uses

The majority site has consisted as a portion of a public housing apartment complex since its construction in the late 1940s. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as early as 1886. The site building located on the western portion of the site (172 Warburton Avenue parcel) is currently unoccupied and was last utilized as a three family dwelling. The building was constructed as early as 1886 and has been utilized as a private multi-family dwelling since that time.

2.4 Total Site Area and Topographic Description

The subject site incorporates approximately 2.27 acres of land. According to the United States Geological Survey (USGS) Topographic Map, the subject site lies at approximately 50 to 110 feet above Mean Sea Level. Generally, the site slopes moderately from east to west.

2.5 Site Geology

Soils are mapped by the United States Department of Agriculture Web Soil Survey as Urban Land.

2.6 Site Buildings and Structures

There are currently six apartment buildings and a dwelling on the site. The apartment buildings are numbered 4, 5, 8, 9, 12 & 13, as depicted on Figure 2A. The apartment buildings have red brick exteriors and flat roofs. Interior portions of the apartment building consist of plaster walls and ceilings with tiled and concrete flooring. A summary of the apartment buildings is provided in the following table.

Bldg Nos.	Description
4, 5, 8, 9 & 13	Each building contains a main ground floor level plus three additional stories. A hot water/utility room and compactor room are located on the main level in each building. Each building contains a crawl space type basement that is used for utility access. Building 5 contains a public laundry room on the main level. Buildings 4 and 5 are each equipped with elevators as these buildings are delegated to senior citizens. Building 8 contains the complex management office and recreation room on the main floor. Building 4 contains a community room on the main floor.
12	Building 12 contains a main ground floor level plus three additional stories. The northern ground level of the building contains a utility room, compactor room and maintenance shop for the site's maintenance personnel. The southern side of the building contains a full basement housing the site's main boiler room. A smoke stack is located at the southeast exterior of the building.

The dwelling is a three story wood frame building constructed on a full basement with a pitched asphalt shingled roof. The basement walls are constructed of field stone and the basement floor consists of a concrete slab.

2.7 Site Utilities

Electricity and natural gas are supplied to the site by Con Edison. Municipal water and sewer service are provided by the City of Yonkers. The apartment buildings are heated by hot water radiant heat that is generated from two natural gas fired boilers located in the basement of Building 12. According to the site contact, the boilers were converted to natural gas over 5 years ago. Prior to this, the boilers were fueled by fuel oil stored in underground storage tanks.

The dwelling is heated by a hot water boiler located in the basement. The hot water boiler is fueled by fuel oil that is stored in a 275-gallon above ground tank located in the basement.

2.8 Roadways or Driveways on or Adjoining the Site

The primary entrance to the site is from Irving Place which originates from Warburton Avenue and terminates in a cul-de-sac to the northeast of Building 12. Bishop WM Walls Place lies adjacent to the east of the site and terminates in a cul-de-sac northeast of Building 5. A small paved parking lot located east of Building 5 is accessed from a driveway originating at this cul-de-sac.

The 172 Warburton Avenue parcel is bound to the west by Warburton Avenue.

2.9 Surrounding Land Uses

The surrounding land uses, as identified during the site visit, are described as follows:

North - Buildings 1, 3, 6 and 7 of Cottage Place Gardens, a vacant lot and an apartment building (188 Warburton Avenue formerly occupied by Buildings 10 and 11 of Cottage Place Gardens).

West - Multi-family dwellings, vacant land and an automotive repair facility which front Warburton Avenue and Wood Place.

East - Building 2 of Cottage Place Gardens and a church followed by multi-family dwellings.

South - High rise apartment complex with parking lot and multi-family housing complex (former Public School No. 6).

3.0 USER PROVIDED INFORMATION

The user (Jesse Batus representing The Community Builders) was provided a "user questionnaire" along with the proposed scope of services. The user returned a completed questionnaire which is included in Appendix C.

Note: In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, (the "Brownfields Amendments"), the user must provide the information outlined in this section. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

3.1 Title Records

A chain of title or other title records were not provided by the user for review at the time of this report.

3.2 Environmental Liens or Activity and Use Limitations

According to the response to the user questionnaire, the user is not aware of environmental liens or activity or use limitations for the site.

It is recommended that the user engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations recorded against or related to the property to satisfy Sections 3.1 and 3.2 of this report.

3.3 Specialized Knowledge

According to the response to the user questionnaire, the user has specialized knowledge of the site. The user is reportedly a real estate developer engaged in comprehensive redevelopment of the property and surrounding neighborhood.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the response to the user questionnaire, the user has knowledge of commonly known or reasonably ascertainable information concerning the site. The site is reportedly a portion of a larger public housing complex. In 2014, part of the complex (Buildings 10 and 11) were demolished and redeveloped. In the context of redevelopment, contaminated material including petroleum impacted soils and heavy metal impacted soils were reportedly discovered. The project was entered

into the NYS Brownfield Cleanup Program as a volunteer and the site was remediated to a Track 1 level.

3.5 Degree of Obviousness of Contamination

According to the response in the user questionnaire, the user does have knowledge of obvious indicators that point to the presence or likely presence of contamination at the property. In 2013, an adjacent up-gradient parcel at 33 Ashburton Avenue was also redeveloped. The facility was found to have petroleum impacted soils and was entered into the NYS Brownfield Cleanup Program. Given the up-gradient nature of the petroleum impacts, it is highly possible that petroleum migrated onto the subject site. The user also indicated the buildings are known to contain asbestos containing materials.

3.6 Valuation Reduction for Environmental Issues

Not applicable – this ESA is not being prepared pursuant to the sale of the property.

3.7 Reason for Performing Phase I

The Phase I ESA is being performed for financing and redevelopment of the site.

3.8 Other User Provided Information

The user did not provide any other additional information concerning the environmental conditions relative to the site.

4.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal and state environmental databases were reviewed in accordance with ASTM E-1527 Standards to determine if the site or nearby surrounding properties are listed on these databases. The databases were searched for the areas within the ASTM recommended search distance, unless otherwise noted. Reviewed databases are listed below. A copy of the database report is included in Appendix E.

4.1 Federal National Priorities List (NPL) Facilities (Listed and De-Listed)

The subject site was not listed as a NPL hazardous waste facility. One NPL facility was listed within one mile of the subject site, it being the Hudson River PCBs. Based on area topography, the Hudson River does not appear to be located hydraulically up-gradient relative to the subject site.

4.2 Federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Waste Facility List

The subject site was not listed as a CERCLA hazardous waste facility. In addition to the Hudson River PCBs, one CERCLA hazardous waste facility was listed within ½ mile of the subject site. The facility is the Patclin Chemical Company, 66 Alexander Street, located approximately ¼ mile west-southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.3 Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities List

The subject site was not listed as a RCRA TSD facility. No RCRA TSD facilities were listed within ½ mile of the subject site.

4.4 Federal RCRA Generators List and Corrective Action List

The subject site was not listed on the RCRA generator list. The site's south adjoining Public School 6 property was listed as a large quantity generator of hazardous levels of lead in relation to remedial activities conducted at this facility as part of its inclusion in the NYS Brownfields Cleanup Program. The facility is no longer regulated.

The subject site was not listed as a RCRA Corrective Action facility. No RCRA Corrective Action facilities were listed within one mile of the subject site.

4.5 Federal Emergency Response Notification System (ERNS) List

The subject site was not listed on the ERNS list.

4.6 Federal Institutional Control and Engineering Control Registries

The subject site was not listed on the Federal Institutional Control or Engineering Control registries.

4.7 State/Tribal Hazardous Waste Facility List

The subject site was not listed as a State or Tribal hazardous waste facility. One State hazardous waste facility was listed within one mile of the subject site. The facility is Bicc Cables, 1 Point Street, mapped 4/10 miles north of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.8 State/Tribal Solid Waste Facility List

The subject site was not listed on the State or Tribal solid waste facility list. One State listed solid waste facility was listed within ½ mile of the subject site. The facility is Danny's Towing, 98-100 Warburton Avenue, located approximately ¼ mile south of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.9 State Petroleum Bulk Storage (PBS) Tank and Chemical Bulk Storage (CBS) Facilities

The site was not listed on the State PBS or CBS facilities list.

The following immediately adjoining properties were listed on the Westchester County PBS facilities list:

Semenez Sir Station

178 Warburton Ave

Site's western adjoining property

The database report indicates that 11 underground storage tanks (USTs) were closed by removal at this facility. The tanks ranged in capacity from 750 to 3,000 gallons.

Yonkers Public School No. 6

33 Ashburton Avenue

Site's southern adjoining property

The database report indicates that a 5,000-gallon UST and a 20,000-gallon UST were closed by removal at this facility.

188 Warburton Avenue

Site's northwestern adjoining site

The database report indicated that 7 USTs were closed by removal at this facility. The tanks ranged in capacity from 750 to 2,000 gallons.

4.10 State/Tribal Leaking Storage Tanks List

The site was not listed on the State or Tribal leaking storage tank list. Eighty-eight (88) leaking storage tank incidents were listed within ½ mile of the site. The leaking tank incidents are listed as closed except Spill No. 1511010, Church-TTF, 5 Manor House Square, mapped 0.38 miles south-southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

The following leaking tank incidents were listed for the immediately adjoining parcels:

- Spill No. 0508784, Former Scott Station, 178 Warburton Avenue, adjoining the site to the west. According to the database report, four (4) 3,000 gallon tanks failed tank tightness tests. Groundwater contamination was not identified in the site's monitoring well. The spill was issued a closed status on May 5, 2009.
- Spill No. 8903954, Public School #6, adjoining the site to the south. According to the database report a 20,000 gallon tank failed a tank tightness test. The spill was issued a closed status on July 30, 1992.

4.11 State/Tribal Institutional Control and Engineering Control Registries

The subject site was not listed on State or Tribal Institutional Control or Engineering Control registries.

4.12 State/Tribal Voluntary Cleanup Program (VCP) List

The site was not listed on the state or tribal VCP list. Five VCP facilities and three Environmental Restoration Program (ERP) facilities were listed within ½ mile of the

site. Based on area topography, these facilities do not appear to be located hydraulically up-gradient relative to the subject site.

4.13 State/Tribal Brownfields List

The site was not listed on the State or Tribal Brownfields list. Twenty-four Brownfields facilities were identified within ½ mile of the subject site. Two of the Brownfields adjoin the subject site as follows:

- The 188 Warburton Avenue facility constitutes the site's northwestern adjoining property. This facility was issued a Certificate of Completion in December 2015 and has been redeveloped. The facility is considered hydraulically down-gradient of the site with respect to inferred groundwater flow direction.
- The Cottage Place Gardens Phase 3 facility constitutes the northern adjoining property. According to the database report, information submitted with the Brownfield Cleanup Program application regarding the environmental condition of the facility is under review.
- The 33 Ashburton Avenue facility constitutes the site's southeastern adjoining property. The 33 Ashburton Avenue facility received a Certificate of Completion from NYSDEC in 2013. During the course of the remedial activities, it was discovered that petroleum impacted soils and groundwater were present at the northern property boundary of the 33 Ashburton Avenue facility and that these contaminants had migrated onto the subject site. The source of the petroleum contamination on the 33 Ashburton Avenue facility was determined to be from an off-site former gasoline station located immediately east of the 33 Ashburton Avenue site. Contaminants extending beyond the 33 Ashburton Avenue boundaries were not remediated as a function of the brownfields cleanup.

4.14 Applicable State Lists

The New York State Department of Environmental Conservation (NYSDEC) spills database was reviewed to determine if spills have occurred at the subject site or adjoining parcels. No spills were listed for the subject site.

The following spills were listed for the immediately adjoining parcels:

188 Warburton Ave. Site

188 Warburton Avenue

Site's NW adjoining property

Spill Status: Closed

Ame Zion Church

42 Bishop Walls Place

Site's SE adjoining property

Spill Status: Closed

5.0 RECORDS REVIEW AND INTERVIEWS

5.1 Previous Environmental Site Assessments

Several prior environmental related reports have been prepared for the site as follows:

- Phase I Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated August 27, 2014.

The Phase I was completed for the Cottage Gardens Complex exclusive of Buildings 10 and 11. The following RECs were identified for the site:

- ❖ A leaking fuel oil tank has impacted soils on the site's northeast adjoining 26 Willow Place property, which is located hydraulically up-gradient of the subject site with respect to inferred groundwater flow direction.
- ❖ Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields facility have migrated onto the subject site.
- ❖ A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portion of the site.
- ❖ Two out of service, 20,000 gallon underground fuel oil tanks were located within the site, adjacent to the east side of Building 12. The tanks were taken out of service when the site boilers were converted to natural gas.

A subsurface investigation inclusive of soil/fill and groundwater samples for subjective and laboratory analysis was recommended.

- Phase II Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated February 24, 2015.

The Phase II ESA was conducted to evaluate subsurface conditions and the overall environmental quality of site soils and groundwater. The Phase II ESA involved the advancement of 17 soil borings of which 16 were converted into monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. Advancement of the test borings also aided in evaluating the site's subsurface conditions. Of the 16 monitoring wells, seven fell within the bounds of the site (See Figure 2B in Appendix A, which depicts the approximately locations of the test borings). The boring that was not converted into a monitoring well was advanced within the north central portion of the site.

One sample from each of the test boring was submitted for laboratory analysis. The selection of the samples for laboratory analysis was based on perceived evidence of subjective impacts and the occurrence of uncontrolled soil/fill materials. The samples were analyzed for the Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, and the Target Analyte List (TAL) for metals including cyanide.

Due to limited groundwater volume, monitoring wells MW-B, MW-L and MW-M were analyzed for TCL VOCs and TAL metals only, monitoring well MW-P was analyzed for TCL VOCs, TCL SVOCs and TAL metals only, and monitoring well MW-N contained sufficient groundwater volume for analysis for the TCL VOCs, SVOCs, pesticides, and PCBs, the TAL for metals, and cyanide. Due to the absence or insufficient groundwater volume, groundwater samples were not collected from monitoring wells MW-K and MW-Q.

Subsurface conditions at each of the borings generally consisted of brown sand and silt with varying percentages of gravel, or brown sand with varying percentages of silt and gravel. Fill material, consisting primarily of red brick and ash with less frequent occurrences of cinder and coal, was encountered in most of the borings. Subjective impacts to soils were not encountered at any of the test borings. Photoionization (PID) readings were below 3 parts per million (ppm) and the recovered soil samples did not exhibit staining and/or chemical/petroleum-type odors.

Up to four (4) metals (copper, lead, mercury and zinc) were detected at concentrations exceeding Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375 SCOs in the soil samples collected from the site. Additionally, seven SVOCs (Benzo(a)anthracene, Chrysene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene and Benzo(b)fluoranthene) were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring MW-K, which was advanced near the northeastern corner of Building 5.

Pesticides and PCBs were not detected above the laboratory's method detection limit within the groundwater samples. Three VOCs were detected above the laboratory's method detection limit with two VOCs detected above groundwater standards and guidance values. Acetone was detected above its guidance value of 50 parts per billion (ppb) at monitoring well MW-P (100 ppb), which is located in the vicinity of

Building 12. 1,2-Dichloropropane was detected above its standard of 1 ppb at monitoring well MW-L (1.6 ppb), which is located hydraulically down-gradient relative to the 33 Ashburton Avenue Brownfields facility.

Three SVOCs were detected above the laboratory's method detection limit with one SVOC detected above groundwater standards and guidance values. Phenol was detected above its standard of 1 ppb at monitoring well MW-P (2 ppb), which is located in the vicinity of Building 12.

Twenty-one metals were detected above the laboratory's method detection limit with seven metals (Chromium, Iron, Lead, Magnesium, Manganese, Mercury and Sodium) detected above standards and guidance values. Chromium was detected above its groundwater standard of 50 ppb at 3 of 5 sampling locations within a concentration range of 66.5 to 119 ppb. Iron was detected above its groundwater standard of 300 ppb at five of five sampling locations within a concentration range of 2,210 to 48,100 ppb. Lead was detected above its groundwater standard of 25 ppb at three of five sampling locations within a concentration range of 76.8 to 459 ppb. Magnesium was detected above its groundwater guidance value of 35,000 ppb at one of five sampling locations at a concentration of 45,000 ppb. Manganese was detected above its groundwater standard of 300 ppb at four of five sampling locations within a concentration range of 772 to 7,370 ppb. Mercury was detected above its groundwater standard of 0.7 ppb at one of five sampling locations at a concentration of 4.76 ppb. Sodium was detected above its groundwater standard of 20,000 ppb at five of five sampling locations with a concentration range of 32,000 to 1,198,700 ppb.

- Phase I Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated March 18, 2016.

The Phase I ESA was completed for the Cottage Gardens Complex exclusive of Buildings 3, 6, 7, 10 and 11 by C.T. Male. The RECs identified for the site were consistent with the 2014 Phase I ESA report with the addition of elevated levels of metals in on-site soils as well as elevated concentrations of metals, SVOCs and VOCs in on-site groundwater as identified in the 2015 Phase II ESA report.

- Phase I Environmental Site Assessment Report – 172 Warburton Avenue Site, Prepared by C.T. Male, dated March 18, 2016.

A REC that was identified for the site includes petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields facility have migrated onto

the subject site's northern adjoining Cottage Place Gardens apartment complex, which is located hydraulically up-gradient of the subject site with respect to inferred groundwater flow direction.

The text portions of the previous ESA reports are included in Appendix D.

5.2 Aerial Photographs

Aerial photographs were reviewed for the years 2005 and 2010 from Google Earth and for the years 1954, 1966, 1974, 1989 and 1994 as provided by Environmental Data Resources (EDR). The reviewed photos depict multiple buildings on the subject site consistent with present day conditions. The aerial photographs are included in Appendix A as Figures 3A-3G. The boundaries depicted on the photographs are for schematic purposes only and do not represent the actual boundaries of the site.

5.3 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were reviewed for the years 1886, 1898, 1917, 1942, 1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004. The maps depict the following:

1886, 1898, 1917 and 1942 maps: These maps show the site developed with multiple structures used as single and multi-family dwellings and as stores. Two roads transect the site; Irving Place and Cottage Place.

1951, 1956, 1957, 1978, 1989, 1990, 1991 and 2004 maps: These maps show the site developed with multiple apartment buildings and a dwelling located on the west side of the site consistent with present day conditions.

The 1971 map does not provide coverage of the site.

The Sanborn maps are included in Appendix A as Figures 4A-4M. Boundaries depicted on the maps are for schematic purposes only and do not represent the actual boundaries of the site.

5.4 Information From Local Official(s)

A Freedom of Information Law (FOIL) request was submitted to the City of Yonkers Clerk requesting documents from the following departments: Assessment, Building Department, Historian, Engineering, Fire Department and Clerk. At the time of this report a response had not been received from the City of Yonkers. If pertinent information is received, it will be forwarded upon receipt.

Property assessment records were reviewed on-line from ImageMate Online. The site use for parcel Cottage Place Gardens is noted as apartments on the on-line records. Historic property record cards indicate the site buildings were constructed in 1948.

According to the assessment records for the 172 Warburton Avenue parcel, the parcel is used as a three family residence. The dwelling is noted to date to 1900 with two porches dating to 1900 and a third dating to 1945. Public water and sewer are noted to be provided to the site along with natural gas and electricity. The following ownership information is provided for 172 Warburton Avenue:

1989 Luther Garrison

1996 Robert Udeagha

1996 The Money Store Empire Street

1997 TMS Mortgage, Inc.

1998 Lenders Realty Consultant

1999 Abdias Suero

2005 Kim Hanson

2006 Federal National Mortgage Association

2014 Moshe Rhein

5.5 Information From Health Department Official(s)

A FOIL request was submitted to the Westchester County Department of Health to determine if the Department of Health has records concerning soil or groundwater contamination for the subject site. At the time of this report a response had not been received from the Department of Health. If pertinent information is received, it will be forwarded upon receipt.

5.6 Information From Current or Former Property Owner(s)

Mr. Louis Gonzalez of the Municipal Housing Authority for the City of Yonkers (MHACY) was the site contact for this assessment and acted as a representative of the current property owner. Mr. Gonzalez was interviewed on the site at the time of the site visit and provided a tour of the site buildings and grounds. Mr. Gonzalez indicated there have been no changes since the March 2016 reports.

The current property owner representative was not aware of environmental liens or activity/land or use limitations for the site. Other information from Mr. Gonzalez is included in the appropriate sections of this report.

5.7 Information From the Site Manager

Mr. Gonzalez acted as the site manager.

5.8 Information from the Site Occupants

Tenants of Cottage Place Gardens were not interviewed as a function of this assessment as the tenants utilize the site for residential purposes only. The dwelling on the 172 Warburton Avenue parcel is not currently occupied.

Records of communication are included in Appendix D.

6.0 SITE RECONNAISSANCE

6.1 Conditions of the Reconnaissance

6.1.1 Site Contact(s)

Mr. Louis Gonzalez of MHACY was the site contact and was present during the site visit.

6.1.2 Date of Visit

The site reconnaissance was conducted on Tuesday, January 10, 2017 by Ms. Brittany Winslow of C.T. Male Associates. During the site visit the weather was approximately 20°F with overcast skies.

6.1.3 Areas Observed

The site and surrounding areas were observed from Warburton Avenue, Irving Place, Bishop William J Walls Place and the approximate site boundaries. The central areas of the site were traversed and the site buildings were entered. Photographs taken during the site visit are included in Appendix B.

6.1.4 Limiting Conditions

Snow covered the ground surface obstructing visual observations of the ground. Lack of lighting in the crawl spaces beneath the site buildings limited a clear view of these areas.

6.2 Polychlorinated Biphenyl-Containing (PCB)/Liquid Containing Equipment

One pole-mounted transformer was identified on the site along the south side of Irving Place. PCB related labeling was not identified on the transformer at the time of the site visit. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

Hydraulic oil reservoirs are located in the trash compactor rooms in each of the apartment buildings. Elevators were identified in Buildings 4 and 5. The hydraulic units for the elevator motors were identified on the ground level within the apartment buildings. Oil type staining was not observed on the concrete floor surface beneath the reservoirs for the trash compactors or elevator motors.

6.3 Site Drainage

6.3.1 Site Catch Basins and Discharge Location(s)

Several catch basins were identified in grassy, concrete and asphalt covered areas throughout the site. The catch basins reportedly discharge to the City of Yonkers storm water sewer system. Staining was not observed in media surrounding the catch basins.

6.3.2 Site Surface Water Bodies/Areas

No surface water bodies were identified on the site during the site visit.

6.3.3 Building Floor Drains and Discharge Location(s)

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within the apartment buildings, and in the boiler rooms in Building 12. The floor drains reportedly discharge to the City of Yonkers sanitary sewer system. A floor drain was observed in concrete flooring in the basement of the dwelling. The drain reportedly does not function. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

6.3.4 Dry Wells and Sumps

No dry wells were identified on the site during the site visit. According to the site contact, no dry wells are located on the site.

A sump pump is located in the basement of the dwelling to evacuate water entering the basement during rain events. The sump pump is located near the floor drain. The water is reportedly pumped out of the basement and discharged to a municipal sanitary sewer cleanout pipe located at the southwest exterior of the building. Staining was not observed on asphalt surface at the exterior of the building where the water is discharged into the sanitary sewer cleanout pipe. Staining or sheens were not noted in or surrounding the sump pit at the time of the site visit.

6.4 Site Waste Profile

6.4.1 Solid Wastes/Waste Deposits (Piles/Pits/Landfills/Lagoons)

Household type refuse generated by the site tenants is temporarily stored in garbage compactors located in each of the site buildings. No other solid wastes were identified on the site during the site visit. According to the site contact, no other solid wastes are generated, stored or disposed of on the site.

No waste deposits were identified on the site during the site visit. The site contact was not aware of waste deposits being located on the site.

6.4.2 Sludges (Generation/Storage/Disposal)

No sludge wastes were identified on the site during the site visit. According to the site contact, no sludges are generated, stored or disposed of on the site.

6.4.3 Liquids (Generation/Storage/Disposal)

No liquid wastes were identified on the site during the site visit. According to the site contact, no liquid wastes are generated, stored or disposed of on the site.

6.4.4 Wastewater Discharge(s)

No wastewater discharges were identified on the site during the site visit. According to the site contact, no wastewater is generated on the site.

6.4.5 Waste Lagoons or Disposal Pits (Current and Historic)

No waste lagoons or disposal pits were identified on the site during the site visit. According to the site contact, no current or historic waste lagoons or disposal pits are located on the site.

6.4.6 On-site Septic Systems

No septic systems were identified on the site during the site visit. The site is reportedly connected to the City of Yonkers municipal sewer system.

6.4.7 Drums/Containers

55-gallons drum of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of paints and gasoline were observed in a flammable storage cabinet located within the maintenance shop in Building 12. The containers ranged in size from less than one quart to five gallons. The containers were not observed to be leaking and staining was not observed.

A parts washer station was also identified within the boiler room in building 12. The parts washer station is reportedly no longer used. Evidence of leaking or staining was not identified around the parts washer station.

6.5 Underground Storage Tanks (USTs) and/or Above Ground Storage Tanks (ASTs)

Two (2) 20,000-gallon fuel oil USTs are located on the site adjacent to the east side of Building 12. The tanks were reportedly used to store fuel oil for the boilers up until the boilers were converted to natural gas over five years ago. The tanks have reportedly been emptied and the tanks have reportedly passed tank tightness testing. No other underground and aboveground tanks are reportedly located on the site. The site is reportedly not registered with the county.

A 275 gallon fuel oil AST is located in the basement of the dwelling on the 172 Warburton Avenue parcel. The tank did not appear to be leaking and staining was not observed on the concrete floor surface beneath tank.

6.6 Observed Evidence of Potential or Known Site Contamination

6.6.1 Evidence of Soil Contamination/Liquid Discharges

Evidence of soil contamination or liquid discharges was not identified on the site during the site visit. Stressed vegetation was not identified on the site during the site visit. The site contact was not aware of soil or groundwater contamination from either on-site or off-site sources.

6.6.2 Soil or Surface Disturbances

No soil or surface disturbances were identified on the site during the site visit.

7.0 FINDINGS, OPINION AND CONCLUSIONS

7.1 Findings

The majority site has consisted of a portion of a public housing apartment complex since its construction in the late 1940s. Prior to this time, the site was developed with multiple single and multi-family dwellings, stores and a garage since as early as 1886. The site building located on the 172 Warburton Avenue parcel is currently unoccupied and was last utilized as a three family dwelling. The building was constructed as early as 1886 and has been utilized as a private and multi-family dwelling since that time.

The site was not listed in the environmental database report. Several facilities were listed in the database report including 33 Ashburton Avenue Brownfields facility which adjoins the site to the south. Petroleum impacted groundwater that has migrated through the 33 Ashburton Avenue Brownfields facility from an off-site up-gradient source has impacted the subject site.

A 1917 historic Sanborn map identified a structure labeled as a "Garage" on southeastern portions of the site. Specific uses of the garage are not known.

One pole-mounted transformer was identified on the site along the south side of Irving Place. The transformer did not appear to be leaking and grasses, asphalt and concrete beneath the transformer did not appear to be stained.

Floor drains were observed in concrete flooring in the utility rooms, compactor rooms and hot water rooms located on the main floors within the apartment buildings, and in the boiler rooms in Building 12. The floor drains reportedly discharge to the City of Yonkers sanitary sewer system. A floor drain was observed in concrete flooring in the basement of the dwelling on the 172 Warburton Avenue parcel. The drain reportedly does not function. Floor drains observed during the site reconnaissance did not emit chemical and/or petroleum type odors and staining was not observed on flooring surrounding the floor drains.

55-gallons drum of boiler treatment solution and cleaning detergents were observed in the boiler room and maintenance shop in Building 12. The drums were not observed to be leaking and staining was not observed on surrounding flooring. Floor drains were not observed in the vicinity of the drums.

Containers of paints and gasoline were observed in a flammable storage cabinet located within the maintenance shop in Building 12. The containers ranged in size from less than one quart to five gallons. The containers were not observed to be leaking and staining was not observed.

A sump pump is located in the basement of the dwelling on the 172 Warburton Avenue parcel to evacuate water entering the basement during rain events. The sump pump is located near the floor drain. The water is reportedly pumped out of the basement and discharged to a municipal sanitary sewer cleanout pipe located at the southwest exterior of the building. Staining was not observed on asphalt surface at the exterior of the building where the water is discharged into the sanitary sewer cleanout pipe. Staining or sheens were not noted in or surrounding the sump pit at the time of the site visit.

Two (2) 20,000-gallon fuel oil USTs are located on the site adjacent to the east of Building 12. The tanks were reportedly used to store fuel oil for the boilers up until the boilers were converted to natural gas over five years ago. The tanks have reportedly been emptied out and have passed tank tightness testing. No other underground tanks are reportedly located on the site.

A 275 gallon fuel oil AST is located in the basement of the 172 Warburton Avenue building. The tank did not appear to be leaking and staining was not observed on the concrete floor surface beneath tank.

A Phase II ESA was conducted in February 2015 to evaluate subsurface conditions and the overall environmental quality of site soils and groundwater. The Phase II ESA involved the advancement of 8 soil borings on-site of which 7 were converted into monitoring wells to aid in the collection of soil and groundwater samples for subjective screening and laboratory analysis. The laboratory analysis found up to four (4) metals (copper, lead, mercury and zinc) were detected at concentrations exceeding Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated in 6 NYCRR Part 375 SCOs in the soil samples collected from the site. Additionally, seven SVOCs were detected above SCOs in fill materials at the 2.5 to 5 foot depth interval at boring MW-K, which was advanced near the northeastern corner of Building 5. Twenty-one metals were detected above the laboratory's method detection limit with seven metals (Chromium, Iron, Lead, Magnesium, Manganese, Mercury and Sodium) detected above standards and guidance values in the groundwater samples. Three VOCs and three SVOCs were detected above the

laboratory's method detection limit with two VOCs and one SVOC detected above groundwater standards and guidance values.

7.2 Opinion

It is our opinion that the information and data collected during this Phase I ESA indicates the possible presence of hazardous substances or petroleum product within the site under conditions which indicate an existing release, past release or material threat of a release. This opinion is based on both on-site (historical use of a portion of the site as an unspecified garage and the presence of USTs) and offsite sources (33 Asburton Avenue Brownfields facility). Additionally, a Phase II ESA conducted at the site in 2015 identified concentrations of metals, SVOCs and VOCs above applicable regulatory criteria within site media.

7.3 Conclusions

C.T. Male Associates has completed a Phase I ESA for the Cottage Place Gardens Phases IV & V Site in general conformance with the scope and limitations of ASTM Practice E 1527. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields facility have migrated onto the subject site.
- A 1917 historical Sanborn Map has identified a "Garage" structure on southeastern portion of the site.
- Two (2) out of service, 20,000 gallon underground fuel oil tanks are currently located within the site, adjacent to the east of Building 12.
- A Phase II ESA conducted in February 2015 found elevated levels of metals in on-site soils on-site as well as elevated concentrations of metals, SVOCs and VOCs in on-site groundwater.

7.4 Opinion Regarding Further Inquiry

Based on the findings of this ESA, further inquiry of the site is not recommended at this time. It is our understanding that the contaminated soils at the site will be addressed under the purview of the NYSDEC as it relates to its future inclusion in the Brownfield Cleanup Program. Further remedial investigations and actions will be completed pursuant to the Brownfield Cleanup Program.

8.0 DEVIATIONS AND ADDITIONAL SERVICES

Deletions or deviations from the ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, are described in Section 1.0 of this report.

No additional services beyond the scope of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process were completed in conjunction with this Phase I ESA.

9.0 SIGNATURES

We declare that, to the best of our professional knowledge and belief we meet the definition of Environmental Professional as defined in 312.21 of 40 CFR Part 312. And we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes are included in Appendix F.

Respectfully submitted,
C.T. MALE ASSOCIATES



Brittany Winslow
Environmental Scientist

Reviewed and Approved By:



Kirk Moline
Project Manager

CTMA Project No. 16.6666
January 19, 2017
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10.0 REFERENCES

PEOPLE AND AGENCIES CONTACTED

- The Community Builders
- Mr. Louis Gonzalez, The Municipal Housing Authority for the City of Yonkers
- City of Yonkers Clerk
- City of Yonkers Historian
- City of Yonkers Building Department
- City of Yonkers Assessor's Office
- City of Yonkers Fire Department
- Westchester County Department of Health

DOCUMENTS REVIEWED

- Aerial Photographs of the Yonkers Quadrangle for the years: 1954, 1966, 1974, 1989 and 1994 courtesy of Environmental Data Resources, Inc. Aerial Photographs of the Yonkers Quadrangle for the years: 2005 and 2010 courtesy of Google Earth.
- Environmental FirstSearch™ Report provided by Environmental Data Resources, Inc.
- Fire Insurance Maps from the Sanborn Map Company Archives. Late 19th Century to 1990: New York University Publications of America. Bethesda, Maryland.
- On-line assessment records provided by Landmax Data Systems.
- Phase I Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated August 27, 2014.
- Phase I Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated March 18, 2016.
- Phase I Environmental Site Assessment Report – 172 Warburton Avenue Site, Prepared by C.T. Male, dated March 18, 2016.
- Phase II Environmental Site Assessment Report – Cottage Place Gardens Phases IV & V Site, Prepared by C.T. Male, dated February 24, 2015.
- United States Department of Agriculture, Natural Resource Conservation Service, Web Soil Survey.
- United States Geological Survey Topographic Map of the Yonkers, NY Quadrangle, 2016, 7.5 Minute Series.

EXHIBIT 5

2017 C.T. MALE PHASE I ESA REPORT OF 178 WARBURTON AVENUE

(TEXT BODY)

January 19, 2017

Phase I
Environmental Site Assessment
Sam's Service Station Site
178 Warburton Avenue
City of Yonkers
Westchester County, New York

Prepared for:

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PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
SAM'S SERVICE STATION SITE

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SUMMARY

C.T. Male Associates review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental databases, and a site reconnaissance revealed the following with respect to Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), and Controlled Environmental Conditions (CRECs):

	No Further Action	REC	HREC	CREC	Refer to Section
Property Operations		X			2.3
Neighboring Properties	X				2.10
User Provided Information		X			3.0
Regulatory Review - Site		X			4.0
Regulatory Review – Surrounding Properties		X			4.0
Historical Review		X			5.0
Liquid Containing Equipment		X			6.2
Site Drainage		X			6.3
Site Waste Profile		X			6.4
Underground Storage Tanks		X			6.5
Above Ground Storage Tanks	X				6.5
Stressed Vegetation, Staining and Odors	X				6.6

Notes/Recommendations: To understand the subject site and report, the complete report needs to be reviewed. The findings, opinion and conclusions with respect to the subject site are presented in Section 7.0.

1.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male Associates) at the Sam's Service Station Site which is located in the City of Yonkers, Westchester County, New York. The site assessment was performed at the request of Mr. Jesse Batus, of The Community Builders.

This site assessment has been performed in general conformance with the scope and limitations as outlined in ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and in accordance with our proposal dated August 10, 2016.

1.1 Purpose

The purpose of this Phase I ESA was to reasonably identify RECs on the property. A REC is defined as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis*[1] conditions are not RECs. A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria. A Controlled Recognized Environmental Condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A finding of no RECs is not a warranty or guarantee that the site remains free from contamination. The purpose of this report is not intended to include *de minimis* conditions. This report is also not intended to serve as a compliance assessment of the subject property. This environmental site assessment is designed to reduce, but

[1] Conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

not eliminate, uncertainty regarding the potential for RECs in connection with the property, within reasonable limits of time and cost.

1.2 Scope of Work

This Phase I ESA consisted of the following scope of work:

- A site reconnaissance, including a walkthrough of the site building and site grounds, to identify areas of potential environmental concern;
- Interviews with site representatives knowledgeable of current and former site operations;
- Review of municipal property records and information provided by local government agencies;
- Review of historical information and documents;
- Review of federal and state agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the property; and
- Preparation of a report documenting the findings of the environmental site assessment.

1.3 Significant Assumptions

The following assumptions are made by C.T. Male Associates in this report. C.T. Male Associates relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property owner contact, computer databases and personal interviews. Except as set forth in this report, C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources, and has assumed that such information is accurate and complete. C.T. Male Associates assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow, unless otherwise specified by other data and information, is assumed based on land surface contours depicted on the United States Geological Survey topographic maps. C.T. Male Associates assumes the property has been correctly and accurately identified by the client and property owner contact.

1.4 Limitations and Exceptions of the Assessment

The information presented in this report is limited to the investigation conducted as described in the referenced ASTM guidelines for conducting environmental site assessments, and is not necessarily all inclusive of conditions present at the subject site. Due to inherent limits of time and cost, uncertainty about site conditions remains. The findings, opinion and conclusions stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the site visit. Specific limitations included the following:

- Access Limitations: None
- Physical Obstructions to Observations: Snow covered the ground surface obstructing visual observations of the ground.
- Outstanding Information Requests: City of Yonkers and Westchester County Department of Health
- Historical Data Source Failure: None
- Other: The information presented in the report is based on information gathered in accordance with the Scope of Services defined in Section 1 of this report. Information provided by site contacts and local, State and County officials known to be responsible for regulating and enforcing site area environmental conditions was utilized in assessing the environmental conditions at the site. The accuracy of conclusions drawn from this assessment is therefore dependent upon the accuracy of the information provided.

1.5 Special Terms and Conditions

This Phase I ESA was prepared in accordance with the stated and agreed upon Scope of Work. No special terms and conditions are applicable to this assessment. This site assessment did not include a review of non-scope issues as identified by ASTM E 1527 including asbestos containing materials, radon, lead in drinking water, lead based paint, wetlands, regulatory compliance, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, mold and cultural & historic resources.

1.6 Reliance

This Phase I ESA has been prepared for the sole use of The Community Builders. This Phase I ESA cannot be relied upon by other parties without the express written consent of C.T. Male Associates and The Community Builders.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject site is located at 178 Warburton Avenue in the City of Yonkers, Westchester County, New York. The subject site was identified on the City of Yonkers tax maps as being within the parcel with tax map number section 2, block 2095, lot 33. A site location map is included in Appendix A as Figure 1. A map showing the site property boundaries is included in Appendix A as Figure 2.

2.2 Property/Business Owner

According to assessment records, the current property owner is 178 Warburton Apartments LLC of Yonkers, New York.

2.3 Current and Former Site Uses

The site building is currently unoccupied. The site was used as an auto repair facility/gasoline station from at least 1951 until 2016. Prior to that time the site was occupied by a dwelling.

2.4 Total Site Area and Topographic Description

The subject site incorporates approximately 0.21 acres of fairly level land. According to the United States Geological Survey (USGS) Topographic Map, the subject site lies at approximately 50 to 60 feet above Mean Sea Level. Generally, the site area slopes moderately from the east down to the west.

2.5 Site Geology

Soils are mapped by the United States Department of Agriculture Web Soil Survey as Urban land.

2.6 Site Buildings and Structures

A one story, concrete block building constructed on a concrete slab is located on the eastern portion of the site. Assessment records indicate the site building dates to 1969. Four overhead doors along the west face of the building provide access to four service bays in the southern and central portion of the building. The northern portion of the building contains an office and storage/utility rooms.

2.7 Site Utilities

Electricity is supplied to the site by Con Edison. Municipal water and sewer service are provided by the City of Yonkers. The site building is heated by an oil fired furnace. The furnace is fueled by fuel oil that is stored in a 275 gallon aboveground storage tank (AST) located within the site building.

2.8 Roadways or Driveways on or Adjoining the Site

Warburton Avenue adjoins the site to the west, Irving Place adjoins the site to the south and Wood Place adjoins the site to the north.

2.9 Surrounding Land Uses

The surrounding land uses, as identified during the site visit, are described as follows:

North - Wood Place lies to the north of the site followed by a residential property.

West - Warburton Avenue lies to the west of the site followed by Babcock Place, H.B. Automotive Service, Jeremy Grocery Deli Corp and Western Union.

East - The Cottage Gardens Public Housing Complex lies to the east of the site.

South - Irving Place lies to the south of the site followed by a vacant parcel of land.

Northeast - An apartment building (188 Warburton Avenue) lies to the northeast of the site.

3.0 USER PROVIDED INFORMATION

The user (Jesse Batus representing The Community Builders) was provided a "user questionnaire" along with the proposed scope of services. The user returned a completed questionnaire which is included in Appendix C.

Note: In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, (the "Brownfields Amendments"), the user must provide the information outlined in this section. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

3.1 Title Records

A chain of title or other title records were not provided by the user for review at the time of this report.

3.2 Environmental Liens or Activity and Use Limitations

According to the response to the user questionnaire, the user is not aware of environmental liens or activity or use limitations for the site.

It is recommended that the user engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations recorded against or related to the property to satisfy Sections 3.1 and 3.2 of this report.

3.3 Specialized Knowledge

According to the response to the user questionnaire, the user has specialized knowledge of the site. The user is reportedly a real estate developer engaged in comprehensive redevelopment of the property and surrounding neighborhood.

3.4 Commonly Known or Reasonably Ascertainable Information

According to the response to the user questionnaire, the user has knowledge of commonly known or reasonably ascertainable information concerning the site. The site was reportedly previously used as a gas station and automotive repair shop. The gas pumps were removed from the property before the user began development efforts in the neighborhood. The site continued to function as an auto repair shop until 2016.

3.5 Degree of Obviousness of Contamination

According to the response in the user questionnaire, the user does have knowledge of obvious indicators that point to the presence or likely presence of contamination at the property. The user noted given the historic uses of the site, there is a high degree of probability that the site may contain underground storage tanks (USTs) or petroleum-impacted soils. Adjacent properties have also demonstrated similar conditions. The roof of the building is known to contain asbestos containing materials in the asphalt patches.

3.6 Valuation Reduction for Environmental Issues

Not applicable – this ESA is not being prepared pursuant to the sale of the property.

3.7 Reason for Performing Phase I

The Phase I ESA is being completed for the financing and redevelopment of the site.

3.8 Other User Provided Information

The user did not provide any other additional information concerning the environmental conditions relative to the site.

4.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal and state environmental databases were reviewed in accordance with ASTM E-1527 Standards to determine if the site or nearby surrounding properties are listed on these databases. The databases were searched for the areas within the ASTM recommended search distance, unless otherwise noted. Reviewed databases are listed below. A copy of the database report is included in Appendix E.

4.1 Federal National Priorities List (NPL) Facilities (Listed and De-Listed)

The subject site was not listed as a NPL hazardous waste facility. One NPL facility was listed within one mile of the subject site, it being the Hudson River PCBs. Based on the nature of this facility, impacts to the quality of soils or groundwater at the site are not anticipated as a result of this NPL.

4.2 Federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Waste Facility List

The subject site was not listed as a CERCLA hazardous waste facility. In addition to the Hudson River PCBs, one CERCLA hazardous waste facility was listed within ½ mile of the subject site. The facility is the Patclin Chemical Company, 66 Alexander Street, mapped approximately ¼ miles west-southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.3 Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities List

The subject site was not listed as a RCRA TSD facility. No RCRA TSD facilities were listed within ½ mile of the subject site.

4.4 Federal RCRA Generators List and Corrective Action List

The subject site was not listed on the RCRA generator list. No immediately adjoining properties were listed as RCRA generator facilities.

The subject site was not listed as a RCRA Corrective Action facility. No RCRA Corrective Action facilities were listed within one mile of the subject site.

4.5 Federal Emergency Response Notification System (ERNS) List

The subject site was not listed on the ERNS list.

4.6 Federal Institutional Control and Engineering Control Registries

The subject site was not listed on the Federal Institutional Control or Engineering Control registries.

4.7 State/Tribal Hazardous Waste Facility List

The subject site was not listed as a State or Tribal hazardous waste facility. One State hazardous waste facility was listed within one mile of the subject site. The facility is Bicc Cables, 1 Point Street, mapped approximately 4/10 mile north of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.8 State/Tribal Solid Waste Facility List

The subject site was not listed on the State or Tribal solid waste facility list. One State listed solid waste facility was listed within ½ mile of the subject site. The facility is Danny's Towing, 98-100 Warburton Avenue, located south of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

4.9 State Petroleum Bulk Storage (PBS) Tank and Chemical Bulk Storage (CBS) Facilities

The site was listed on the Westchester County PBS facilities list under the facility name Semenez Sir Station and is referenced with PBS Registration 3-103845. The following tanks are listed on the PBS Registration:

Reg. #	Type (AST/UST)	Capacity (Gallons)	Date Installed	Status	Content	Comments
1	UST	3,000	12/01/1968	Closed-removed	Gasoline	Closed on 03/10/2006
2	UST	3,000	12/01/1968	Closed-removed	Gasoline	Closed on 03/01/2006
3	UST	3,000	12/01/1968	Closed-removed	Gasoline	Closed on 03/01/2006
4	UST	3,000	12/01/1968	Closed-removed	Gasoline	Closed on 03/01/2006
5	UST	750	Not reported	Closed-removed	Not reported	
6	UST	750	Not reported	Closed-removed	Not reported	Closed on 03/01/2006
7	UST	750	Not reported	Closed-removed	Not reported	Closed on 03/01/2006

Reg. #	Type (AST/UST)	Capacity (Gallons)	Date Installed	Status	Content	Comments
8	UST	750	Not reported	Closed-removed	Not reported	Closed on 03/01/2006
9	UST	750	Not reported	Closed-removed	Not reported	Closed on 03/01/2006
10	UST	750	Not reported	Closed-removed	Not reported	Closed on 03/01/2006
11	UST	550	Not reported	Closed-removed	Used oil	

Tank closure documentation was not available for review.

One immediately adjoining property was listed on the Westchester County PBS facilities list. The facility is 188 Warburton Avenue, adjoining the site to the northeast. Seven USTs are listed as closed and removed from this facility.

4.10 State/Tribal Leaking Storage Tanks List

The site was listed on the State leaking storage tank list under the facility name Former Scott Station and referenced with Spill No. 0508784. According to the database report, four (4) 3,000 gallon tanks (consistent with Tank Nos. 1 to 4 on the PBS Registration) failed tank tightness tests. Groundwater contamination was not identified in the site's monitoring well. The spill was issued a closed status on May 5, 2009. A FOIL request was submitted to the NYSDEC pertaining to spill records for the site. At the time of this report a response had not been received from the NYSDEC. If pertinent information is received, it will be forwarded upon receipt.

Eighty-seven (87) leaking storage tank incidents were listed within ½ mile of the site. The leaking tank incidents are listed as closed except Spill No 1511010, Church-TTF, 5 Manor House Square, mapped 0.38 miles south-southwest of the site. Based on area topography, this facility does not appear to be located hydraulically up-gradient relative to the subject site.

No leaking tank incidents are listed for the immediately adjoining properties.

4.11 State/Tribal Institutional Control and Engineering Control Registries

The subject site was not listed on State or Tribal Institutional Control or Engineering Control registries.

4.12 State/Tribal Voluntary Cleanup Program (VCP) List

The site was not listed on the state or tribal VCP list. Five VCP facilities and three Environmental Restoration Program (ERP) facilities were listed within ½ mile of the site. Based on area topography, these facilities do not appear to be located hydraulically up-gradient relative to the subject site.

4.13 State/Tribal Brownfields List

The site was not listed on the State or Tribal Brownfields list. Twenty-four Brownfields facilities were listed within ½ mile of the subject site. The following Brownfield facilities are mapped within 1/10 mile of the subject site:

- The 188 Warburton Avenue facility adjoins the site to the northeast. This facility was issued a Certificate of Completion in December 2015 and has been redeveloped. The facility is considered hydraulically cross-gradient of the site with respect to inferred groundwater flow direction.
- The Cottage Place Gardens Phase 3 facility is located approximately 200 feet northeast of the site. According to the database report, information submitted with the Brownfield Cleanup Program application regarding the environmental condition of the site is under review.
- The 33 Ashburton Avenue facility is located approximately 400 feet southeast of the site. The 33 Ashburton Avenue facility received a Certificate of Completion from NYSDEC in 2013. During the course of the remedial activities, it was discovered that petroleum impacted soils and groundwater were present at the northern property boundary of the 33 Ashburton Avenue facility and that these contaminants may have migrated onto the Cottage Gardens complex adjoining the subject site to the east. The source of the petroleum contamination on the 33 Ashburton Avenue site was determined to be from an off-site former gasoline station located immediately east of the 33 Ashburton Avenue facility. Contaminants extending beyond the 33 Ashburton Avenue facility boundaries were not remediated as a function of the brownfields cleanup.

4.14 Applicable State Lists

The New York State Department of Environmental Conservation (NYSDEC) spills database was reviewed to determine if spills have occurred at the subject site or

adjoining parcels. Other than the leaking tank incident as discussed above, no spills were listed for the subject site. One spill was listed for an immediately adjoining parcel. The spill occurred at 188 Warburton Avenue adjoining the site to the northeast and is referenced with Spill No. 1308669. According to the database report, during a Phase II investigation gasoline impacted soils were discovered. This facility was accepted into a Brownfield Cleanup Program as noted above and the spill was issued a closed status on March 17, 2014.

5.0 RECORDS REVIEW AND INTERVIEWS

5.1 Previous Environmental Site Assessments

No previous environmental site assessments are reported to have been conducted for the subject site.

5.2 Aerial Photographs

Aerial photographs were reviewed for the years 2005 and 2010 from Google Earth and for the years 1954, 1966, 1974, 1989 and 1994 as provided by Environmental Data Resources (EDR). On the 1954 photograph a structure is visible on the central portion of the site with a possible UST pad located to the east of the building. On the 1966 through 1994 photographs at least two structures are visible on the site which may represent the current site building and pump island. Due to the resolution of the photographs, the site features are difficult to discern. The current site building appears to be located on the east side of the site on the 2005 and 2010 photos with vehicles located to the west of the building. The aerial photographs are included in Appendix A as Figures 3A-3G. The boundaries depicted on the photographs are for schematic purposes only and do not represent the actual boundaries of the site.

5.3 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were reviewed for the years 1886, 1898, 1917, 1942, 1951, 1956, 1957, 1971, 1978, 1989, 1990, 1991 and 2004. The maps depict the following:

1886, 1898 and 1917: A centrally located dwelling is depicted on the site.

1942: A centrally located building is depicted on the site. The site is labeled as "Municipal Service R. Est. Co."

1951 and 1956: A centrally located building is depicted on the site. The site is labeled as a filling station with three gasoline tanks depicted to the west of the site building.

1957: A centrally located building is depicted on the site. The site is labeled as a filling station. Gasoline tanks are not depicted on the site.

1978, 1989 and 1991: The site is labeled as a filling station. A building, which is different than that shown on the 1950s Sanborn Maps, is shown in the approximate location of the current site building. Gasoline tanks are not depicted on the site.

2004: The site building is depicted on the site. The site is labeled as an auto repair facility.

The 1971 map does not extend coverage to the subject site.

The Sanborn maps are included in Appendix A as Figures 4A-4M. The boundaries depicted on the maps are for schematic purposes only and do not represent the actual boundaries of the site.

5.4 Information From Local Official(s)

A Freedom of Information Law (FOIL) request was submitted to the City of Yonkers Clerk requesting documents from the following departments: Assessment, Building Department, Historian, Engineering, Fire Department and Clerk. At the time of this report a response had not been received from the City of Yonkers. If pertinent information is received, it will be forwarded upon receipt.

Property assessment records were reviewed on-line from ImageMate Online. The site is classified as an auto body. Utilities listed for the site include public water, public sewer, natural gas and electricity. The site building is listed as being constructed in 1969. A historic property record card was reviewed. The property record card listed the site as a gasoline station containing 4 pumps and 4 bays. The building is a concrete block and metal building with no basement and oil heat. Two historic photographs were reviewed. The dates of the photographs were not provided. The building in the first photograph appears to be consistent with the current site building. A fuel island is shown on the northern side of the site. The second photograph shows a building labeled "Cities Service" in the central portion of the site consistent with the 1951, 1956 and 1957 Sanborn maps and a fuel island to the west of the building. The following previous ownership information was provided for the site:

Grantor	Year
All County Homes Corp	2015
Paul Santoro	2003
Shirley Marco and Paul Santoro	1987
Robert Semenetz	1982

5.5 Information From Health Department Official(s)

A FOIL request was submitted to the Westchester County Department of Health to determine if the Department of Health has records concerning soil or groundwater contamination for the subject site. At the time of this report a response had not been received from the Department of Health. If pertinent information is received, it will be forwarded upon receipt.

5.6 Information From Current or Former Property Owner(s)/Site Manager

Mr. Louis Gonzalez of the Municipal Housing Authority for the City of Yonkers (MHACY) was the site contact for this assessment and acted as a representative of the current property owner. Mr. Gonzalez was interviewed on the site at the time of the site visit and provided a tour of the site buildings and grounds.

The current property owner representative was not aware of environmental liens or activity/land or use limitations for the site. Other information from Mr. Gonzalez is included in the appropriate sections of this report.

5.7 Information from the Site Occupants

The site is not currently occupied.

Records of communication are included in Appendix D.

6.0 SITE RECONNAISSANCE

6.1 Conditions of the Reconnaissance

6.1.1 Site Contact(s)

Mr. Louis Gonzalez of MHACY was the site contact and was present during the site visit.

6.1.2 Date of Visit

The site reconnaissance was conducted on Tuesday, January 10, 2017 by Ms. Brittany Winslow of C.T. Male Associates. During the site visit the weather was approximately 20°F with overcast skies.

6.1.3 Areas Observed

The site and surrounding areas were observed from Warburton Avenue, Irving Place, Wood Place and the approximate site boundaries. The central areas of the site were traversed and the site building was entered. Photographs taken during the site visit are included in Appendix B.

6.1.4 Limiting Conditions

Snow covered the ground surface obstructing visual observations of the ground.

6.2 Polychlorinated Biphenyl-Containing (PCB)/Liquid Containing Equipment

No transformers or capacitors were identified on the site during the site visit. Evidence of potential former hydraulic lifts was identified within the service bay area of the building. The hydraulic cylinders appeared to have been filled with concrete.

6.3 Site Drainage

6.3.1 Site Catch Basins and Discharge Location(s)

No catch basins were identified on the site during the site visit.

6.3.2 Site Surface Water Bodies/Areas

No surface water bodies were identified on the site during the site visit.

6.3.3 Building Floor Drains and Discharge Location(s)

A floor drain was identified in the utility room where the heating oil AST is stored within the building. A slight sheen was noted inside the floor drain at the time of the site visit.

Evidence of former floor drains was identified within each of the four service bays of the building. The rectangular floor drains (approximately 2 ft by 2 ft) were centrally located within each of the bays and have been filled with concrete at an unspecified date. Channels were noted in the concrete floor in each of the bays leading to the rectangular drains such that the channels would direct fluid to the former drains. Oil type staining was not identified on the floor surface in or near the channels for the floor drains.

The discharge of the current and former floor drains is unknown.

6.3.4 Dry Wells and Sumps

No dry wells or sumps were identified on the site during the site visit. The site contact was not aware of dry wells or sumps are located on the site.

6.4 Site Waste Profile

6.4.1 Solid Wastes/Waste Deposits (Piles/Pits/Landfills/Lagoons)

Abandoned materials were noted throughout the site building including office related materials and tools. Abandoned drums and containers are discussed in Section 6.4.3 and 6.4.7 below. According to the site contact, no solid wastes are currently generated, stored or disposed of on the site.

No waste deposits were identified on the site during the site visit. The site contact was not aware of waste deposits being located on the site.

6.4.2 Sludges (Generation/Storage/Disposal)

No sludge wastes were identified on the site during the site visit. According to the site contact, no sludges are generated, stored or disposed of on the site.

6.4.3 Liquids (Generation/Storage/Disposal)

According to the site contact, no liquids are currently generated or disposed of on the site. Based on the former use of the site for automobile repair, it is likely that various

automotive related fluids were generated and stored within the site. The disposal practices related to these materials is unknown.

Several drums and containers which contained liquids were identified on the site at the time of the site visit. The drums and containers are discussed in Section 6.4.7 below.

6.4.4 Wastewater Discharge(s)

No wastewater discharges were identified on the site during the site visit. According to the site contact, no wastewater is generated on the site.

6.4.5 Waste Lagoons or Disposal Pits (Current and Historic)

No waste lagoons or disposal pits were identified on the site during the site visit. The site contact was not aware of current or historic waste lagoons or disposal pits are located on the site.

6.4.6 On-site Septic Systems

No septic systems were identified on the site during the site visit. The site is reportedly connected to the City of Yonkers municipal sewer system.

6.4.7 Drums/Containers

Four (4) 55 gallon drums were identified within the site building and one (1) 55 gallon drum was identified on the exterior of the building on the northern side of the site. The drum on the exterior of the building appeared to be in poor condition and exhibited rusting and was dented. Minor oil type staining was identified on the concrete floor surrounding one of the drums located within the site building. Labeling was not identified on the drums at the time of the site visit. One of the drums located within the site building was open and appeared to contain an oil-type liquid.

Approximately ten (10) containers ranging in size from one quart to five gallons were identified within the site building. Labeling was not identified on the containers and appeared to be partially full of automotive related fluids except an empty 5 gallon container of hydraulic oil and an empty quart sized container of motor oil. The containers were not observed to be leaking and staining was not observed.

6.5 Underground Storage Tanks (USTs) and/or Above Ground Storage Tanks (ASTs)

Evidence of the former USTs associated with the historic on-site gasoline station was not identified on the site during the site visit.

A 275 gallon heating oil AST was located in the northeast corner of the building. The tank did not appear to be leaking and concrete flooring underlying the tank did not appear to be stained.

6.6 Observed Evidence of Potential or Known Site Contamination

6.6.1 Evidence of Soil Contamination/Liquid Discharges

A slight sheen was noted inside a floor drain located in the utility room where the heating oil AST is stored within the building. Minor oil type staining was identified on the concrete floor surrounding one of the drums located within the site building.

Stressed vegetation was not identified on the site during the site visit. The site contact was not aware of soil or groundwater contamination from either on-site or off-site sources.

6.6.2 Soil or Surface Disturbances

A surface disturbance was noted in the eastern portion of the service area of the site building. The surface disturbance was noted as a cut-out in the concrete floor surface in which a 5 gallon container had been inserted. The purpose of the cut out within the floor is not known. The container was partially full with an unknown liquid.

7.0 FINDINGS, OPINION AND CONCLUSIONS

7.1 Findings

The site building is currently unoccupied. The site was used as an auto repair facility/gasoline station from at least 1951 until 2016. Prior to that time the site was occupied by a dwelling.

Municipal water and sewer service are provided by the City of Yonkers. The site building is heated by an oil fired furnace. The furnace is fueled by heating oil that is stored in a 275 gallon AST located within the site building. The tank did not appear to be leaking and concrete flooring underlying the tank did not appear to be stained.

The site was listed on the Westchester County PBS facilities list under the facility name Semenez Sir Station and is referenced with PBS Registration 3-103845. Eleven (11) USTs are listed as closed and removed from the site. Tank closure documentation was not available for review.

The site was listed on the State leaking storage tank list under the facility name Former Scott Station and referenced with Spill No. 0508784. According to the database report, four (4) 3,000 gallon tanks (consistent with tank Nos. 1 to 4 on the PBS Registration) failed tank tightness tests. Groundwater contamination was not identified in the site's monitoring well. The spill was issued a closed status on May 5, 2009.

Several facilities were listed within the environmental database report within the specified search radii, including the 33 Ashburton Avenue Brownfields facility. Petroleum impacted groundwater that has migrated through the 33 Ashburton Avenue Brownfields facility from an off-site up-gradient source has impacted the subject site's northern adjoining Cottage Place Gardens apartment complex, which is located hydraulically up-gradient relative to the subject site with respect to inferred groundwater flow direction.

Evidence of potential former hydraulic lifts was identified within the service bay area of the building. The hydraulic cylinders appeared to have been filled with concrete.

A floor drain was identified in the tank area of the building. A slight sheen was noted inside the floor drain at the time of the site visit. Former floor drains which have been filled with concrete were identified within the service bays of the building. The discharge of the current and former floor drains is unknown.

Four (4) 55 gallon drums were identified within the site building and one (1) 55 gallon drum was identified on the exterior of the building on the northern side of the site. The drum on the exterior of the building was noted to be in poor condition exhibiting rusting and was dented. Minor staining was identified on the concrete floor surrounding one of the drums located within the site building. Containers ranging in size from one quart to five gallons were identified within the site building. The containers were not observed to be leaking and staining was not observed.

7.2 Opinion

It is our opinion that the information and data collected during this Phase I ESA indicates the possible presence of hazardous substances or petroleum product within the site under conditions which indicate an existing release, past release or material threat of a release. This opinion is based on the sites former use as a gasoline station and automobile repair facility and the presence of an off-site up-gradient source.

Evidence of a material threat of a release was identified in the form of a drum in poor condition located to the exterior of the site building.

7.3 Conclusions

C.T. Male Associates has completed a Phase I ESA for the Sam's Service Station Site in general conformance with the scope and limitations of ASTM Practice E 1527. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- The site was used as a gasoline station/auto repair facility from at least 1951 until 2016.
- Tank closure documentation for the USTs associated with the gasoline station was not available for review.
- Floor drains are present within the site building. The floor drains within the service area have been filled with concrete; however, a floor drain within a utility room in the northern portion of the building has not been closed. A slight sheen was noted inside the floor drain at the time of the site visit. As automobile repair activities have occurred in the building, there is a potential for automotive related fluids to have been discharged to the floor drains. The discharge location of the drains is not known.

- Evidence of former hydraulic lifts was identified within the service bay area of the building. The hydraulic cylinders appeared to have been filled with concrete.
- A 55 gallon drum was identified on the northern side of the site which was noted to be in poor condition.
- Petroleum impacted soils and groundwater from the 33 Ashburton Avenue Brownfields site have migrated onto the subject site's eastern adjoining Cottage Place Gardens apartment complex, which is located hydraulically up-gradient of the subject site with respect to inferred groundwater flow direction.

7.4 Opinion Regarding Further Inquiry

Based on the findings of this Phase I Environmental Site Assessment, further assessment would be necessary to determine if there have been impacts to the quality of soils and/or groundwater at the site. A Phase II ESA of the site including a Ground Penetrating Radar (GPR) Survey and a subsurface investigation including sampling and analysis of soil and/or groundwater is recommended to determine the impacts to quality of soils and groundwater. It is recommended the 55 gallon drum be removed including the removal and proper disposal of residual liquids within the drum.

8.0 DEVIATIONS AND ADDITIONAL SERVICES

Deletions or deviations from the ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, are described in Section 1.0 of this report.

No additional services beyond the scope of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process were completed in conjunction with this Phase I ESA.

9.0 SIGNATURES

We declare that, to the best of our professional knowledge and belief we meet the definition of Environmental Professional as defined in 312.21 of 40 CFR Part 312. And we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes are included in Appendix F.

Respectfully submitted,
C.T. MALE ASSOCIATES



Brittany Winslow
Environmental Scientist

Reviewed and Approved By:



Kirk Moline
Project Manager

CTMA Project No. 16.6668
January 19, 2017
K:\Projects\166668\Env\R Sam's Service Station ESA.doc

10.0 REFERENCES

PEOPLE AND AGENCIES CONTACTED

- The Community Builders, Mr. Jesse Batus
- The Municipal Housing Authority for the City of Yonkers, Mr. Louis Gonzalez
- City of Yonkers Clerk, Ms. Joan Deierlein
- City of Yonkers Historian
- City of Yonkers Building Department
- City of Yonkers Assessor's Office
- City of Yonkers Fire Department
- Westchester County Department of Health
- New York State Department of Environmental Conservation

DOCUMENTS REVIEWED

- Aerial Photographs of the Yonkers Quadrangle for the years: 1954, 1966, 1974, 1989 and 1994 courtesy of Environmental Data Resources, Inc.
- Aerial Photographs of the Yonkers Quadrangle for the years: 2005 and 2010 courtesy of Google Earth.
- Environmental FirstSearch™ Report provided by Environmental Data Resources, Inc.
- Fire Insurance Maps from the Sanborn Map Company Archives. Late 19th Century to 1990: New York University Publications of America. Bethesda, Maryland.
- On-line assessment records provided by Landmax Data Systems.
- United States Department of Agriculture, Natural Resource Conservation Service, Web Soil Survey.
- United States Geological Survey Topographic Map of the Yonkers, NY Quadrangle, 2016, 7.5 Minute Series.

EXHIBIT 6

2008 PERFORMER COMPLIANCE UST CLOSURE REPORT

UST CLOSURE REPORT

PROPERTY:

Former Gas Station
178 Warburton Avenue
Yonkers, NY 10701

WCDOH PBS No. 3-497606
NYSDEC Spill No. 0508784

DATED:

June 2008

PREPARED FOR:

All-County Homes, Inc.
178 Warburton Avenue
Yonkers, NY

PREPARED BY:

PERFORMER COMPLIANCE LLC
537 North State Road #127
Briarcliff Manor, New York 10510

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APPENDIX

FIGURE 1 - SITE LOCATION

FIGURE 2 - SITE PLAN

APPENDIX A - LABORATORY RESULTS

APPENDIX B - WASTE DISPOSAL MANIFESTS

2.3 Area Land Use

The subject site is located in an urban commercial and light industrial area with apartment buildings directly up-gradient to the east, residential multi-family wood frame structures properties to the north and south, and commercial establishments across the street and down-gradient to the west. According to a review of practically available records, the site has been used for gasoline sales and vehicle repairs since at least the 1950s. Known petroleum compounds present and/or historical on the site include gasoline (leaded and unleaded), heating oil, waste oil and vehicle lift hydraulic oil. Known chemicals handled on the subject site include a variety of small quantities of various cleaning chemical products. These chemicals comprise the usual assortment of supplies found in this type of retail vehicle repair shop environment. A comprehensive inventory of these substances was not prepared. Based on information from the City of Yonkers Building Department, the nearby area along Warburton Avenue has been used for commercial purposes for over seventy five years.

2.4 Water Supply Information

The area is supplied by a municipal water source.

3.0 UST INFORMATION

3.1 UST Description

There were originally thought to be four (4) 3000 gallon gasoline and (1) 550 gallon waste oil USTs on site. Upon excavation, it was determined that, in addition to these USTs, there were an additional six (6) USTs of approximately 750 gallon size each, having been abandoned in place (by filling with water) at some time in the past, perhaps prior to the installation of the 3000 gallon USTs.

The physical dimensions of the 3000 gallon USTs were approximately sixty-four (64) inches diameter by eighteen (18) feet in length, while the 750 gallon USTs were approximately forty-two (42) inches in diameter by seven (7) feet in length. These additional USTs were found to have shells of substantial thickness, with convex ends similar in style to a pressure-type vessel.

4.2 Site Operations - Overview

The site operations which were completed included the excavation, removal, cleaning and disposal of four (4) 3000 gallon USTs, six (6) 750 gallon USTs, and one (1) 550 gallon used oil UST, visual inspection of the USTs, visual screening of the soils, excavation, removal and dispoal of contaminated soils and water, as well as back-filling of the excavation.

4.3 Site Operations – Detail

On March 10, 2006, excavation work began with the uncovering of the southernmost 3000 gallon UST. Excavation continued northward over the next several days to remove four (4) 3000 gallon and (6) 750 gallon steel USTs. The majority of soils encountered showed visual and olfactory evidence of petroleum contamination. Perched water entered the excavation at approximately 10 feet below surface grade. Some of the water showed evidence of petroleum sheen and was removed by vacuum truck. Additional water was found inside the (6) 750 gallon USTs, which was apparently the result of the tank closure method employed at the time of tank abandonment. Waste disposal manifests are attached in the Appendix.

Work was then halted in order to address permit issues with the Yonkers Building Department. The excavation was back-filled to grade with a combination of the stockpiled soils and new clean fill materials. Plastic lining material was placed within the excavation prior to back-filling with the clean materials to prevent cross contamination and to facilitate future soil removal operations. A WCDOH inspector was on site to review the work. Additionally, an official of the City of Yonkers Fire Department visited the site to observe and approve the work being performed.

Once local permits were amended, operations continued in January of 2008. The remaining 550 gallon used oil UST was excavated and removed at this time. The entire tank farm area was re-excavated in order to address the residual petroleum contamination. The excavation was widened and deepened in order to remove affected soils. The final size of the excavation was approximately 50 feet long (north-south axis) by 30 feet wide (east-west axis) by approximately 12 feet in depth. Contaminated perched water was evidenced within the excavation. A total of approximately 850 tons of petroleum contaminated soil was removed and disposed of. Waste disposal manifests are attached.

Due to the presence of free product on perched water within the excavation, it was determined that at least one groundwater well should be placed down-gradient within the excavated area for future monitoring.

5.0 SOIL SAMPLING

5.1 Sampling Procedure

Post-excavation soil sampling of the excavation was performed in accordance with NYSDEC-recommended practices, and as directed by WCDOH. The soil samples were analyzed by a NYSDOH licensed laboratory for target compounds (8260 and 8270 STARS List) in accordance with NYSDEC Recommended Soil Cleanup Objectives, TAGM guidelines.

5.2 Analytical Results

Soil analyses found several SVOCs (semi-volatile organic compounds) above guidance values within the walls of the excavation. Laboratory results are attached.

6.0 CONCLUSIONS

6.1 Summary

The following is a summary based on the findings of this report:

- Four (4) 3000 gallon, six (6) 750 gallon former gasoline and one (1) 550 gallon used oil USTs were excavated, cleaned and properly disposed of.
- The excavated area was restored to surface grade with clean fill materials.
- Two (2) groundwater monitoring wells were installed to provide information regarding groundwater impact.

6.2 Recommendations

In consideration of the above facts, the existing groundwater wells should be sampled to provide further subsurface information.

7.0 REGULATORY REVIEW

A copy of this report will be forwarded to the Westchester County Department of Health for review and possible further recommendations, pursuant to its requirements.

8.0 DISCLAIMER

This report is based on a limited number and scope of soil samples and analyses. The conclusions presented in this report are based only on the observations made during this investigation, as well as data provided by others. Subsurface conditions such as groundwater elevation and quality may change with time and affect future soil and groundwater data. Therefore, the conclusions and recommendations discussed herein apply only to conditions existing at the time of this report. Performer Compliance LLC will not be responsible for consequences arising from relevant facts that were not fully disclosed. Performer Compliance LLC believes that the information presented in this report is factual, but no guarantee is made or implied.

Performer Compliance LLC shall not be responsible for any damage, loss or liability arising from negligence of others in the interpretation of data contained in this report. This report is intended for the sole and exclusive use of the client. Performer Compliance LLC assumes no responsibility or liability to any party for any damage, cost, expense or liability incurred by such party as a result of unauthorized use of or reliance upon this report, and in any event such liability shall be no greater than the compensation received for this report.

Performer Compliance LLC



Gary Giglio

FIGURE 1

SITE LOCATION MAP

SITE LOCATION - AERIAL PHOTO

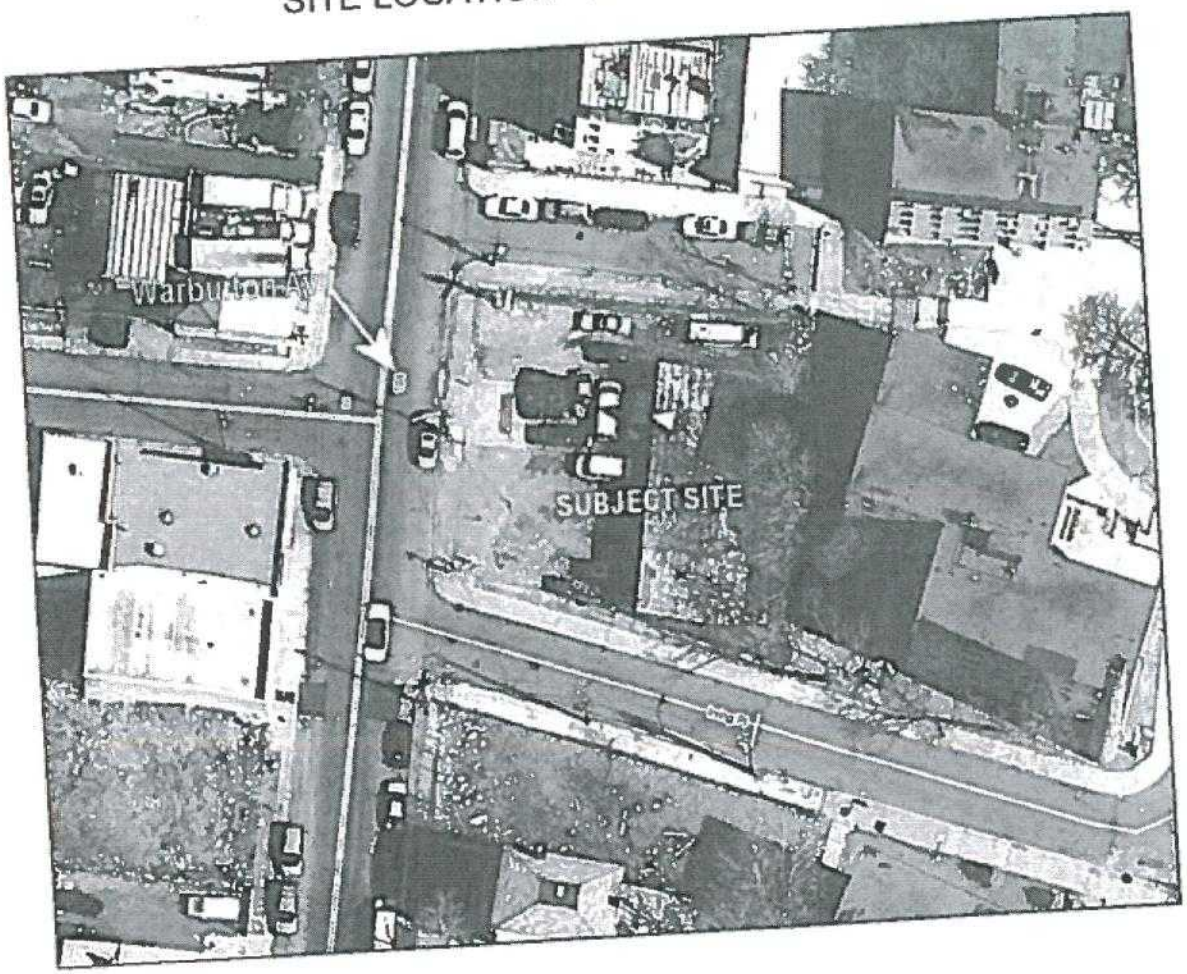


FIGURE 2

SITE PLAN

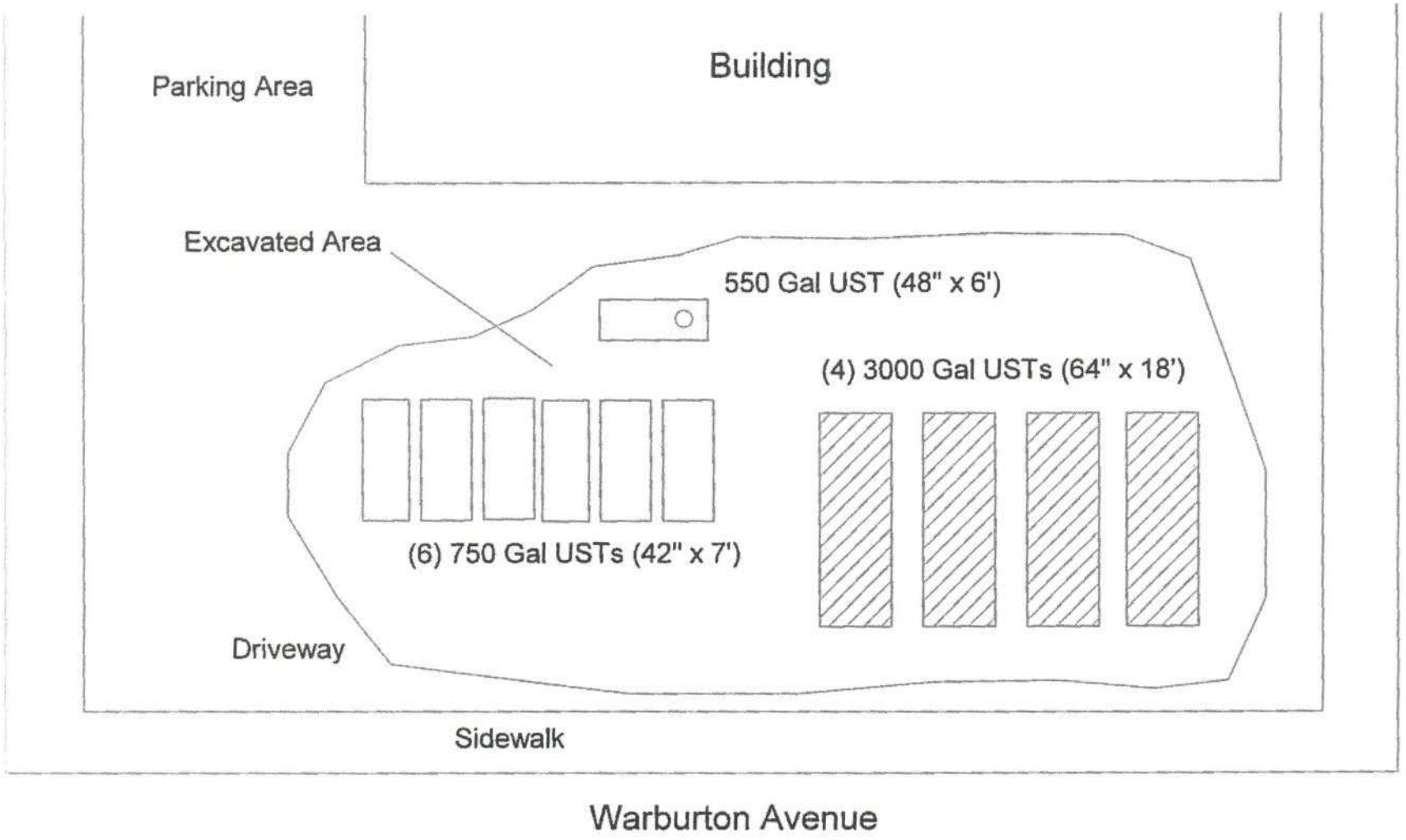
SITE PLAN

178 Warburton Avenue Yonkers, NY

Underground Storage Tank Removals

Dated: May 2008

Scale: Approx.



APPENDIX A

LABORATORY RESULTS

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Analytical Report

Performer Compliance LLC: All County Homes Corp
537 North State Rd, #127
Briafcliff Manor, NY 10510

Report Date: 1/25/2008

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: All County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065208
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 1

Site: floor south center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800553

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isopropiytoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/24/08	Naphthalene	<330 ppb	EPA 8270
01/24/08	Acenaphthene	<330 ppb	EPA 8270
01/24/08	Acenaphthylene	<330 ppb	EPA 8270
01/24/08	Fluorene	<330 ppb	EPA 8270
01/24/08	Phenanthrene	<330 ppb	EPA 8270
01/24/08	Anthracene	<330 ppb	EPA 8270
01/24/08	Fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/24/08	Chrysene	<330 ppb	EPA 8270
01/24/08	Pyrene	<330 ppb	EPA 8270
01/24/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/24/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information:
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

JMS ID: 065208

Sample's Information: **Sample ID:** 1

Site: floor south center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800553

Date Analyzed	Test Name	Result	Method
01/24/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/24/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065209
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 2

Site: floor south west
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800554

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isoproplytoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/24/08	Naphthalene	<330 ppb	EPA 8270
01/24/08	Acenaphthene	<330 ppb	EPA 8270
01/24/08	Acenaphthylene	<330 ppb	EPA 8270
01/24/08	Fluorene	<330 ppb	EPA 8270
01/24/08	Phenanthrene	<330 ppb	EPA 8270
01/24/08	Anthracene	<330 ppb	EPA 8270
01/24/08	Fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/24/08	Chrysene	<330 ppb	EPA 8270
01/24/08	Pyrene	<330 ppb	EPA 8270
01/24/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/24/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Collector's Information:
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

JMS ID: 065209

Sample's Information: **Sample ID:** 2

Site: floor south west
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800554

Date Analyzed	Test Name	Result	Method
01/24/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/24/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Collector's Information: **JMS ID:** 065210
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 3

Site: floor south S Mid West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800555

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isopropyltoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/24/08	Naphthalene	<330 ppb	EPA 8270
01/24/08	Acenaphthene	<330 ppb	EPA 8270
01/24/08	Acenaphthylene	<330 ppb	EPA 8270
01/24/08	Fluorene	<330 ppb	EPA 8270
01/24/08	Phenanthrene	<330 ppb	EPA 8270
01/24/08	Anthracene	<330 ppb	EPA 8270
01/24/08	Fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/24/08	Chrysene	<330 ppb	EPA 8270
01/24/08	Pyrene	<330 ppb	EPA 8270
01/24/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/24/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Collector's Information: **JMS ID:** 065210
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 3

Site: floor south S Mid West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800555

Date Analyzed	Test Name	Result	Method
01/24/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/24/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065211
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 4

Site: wall south center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800556

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isoproplytoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/24/08	Naphthalene	<330 ppb	EPA 8270
01/24/08	Acenaphthene	<330 ppb	EPA 8270
01/24/08	Acenaphthylene	<330 ppb	EPA 8270
01/24/08	Fluorene	<330 ppb	EPA 8270
01/24/08	Phenanthrene	<330 ppb	EPA 8270
01/24/08	Anthracene	<330 ppb	EPA 8270
01/24/08	Fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/24/08	Chrysene	<330 ppb	EPA 8270
01/24/08	Pyrene	<330 ppb	EPA 8270
01/24/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/24/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/24/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065211
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 4

Site: wall south center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800556

Date Analyzed	Test Name	Result	Method
01/24/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/24/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065212
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 5

Site: wall south west
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800557

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isoproplytoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/23/08	Naphthalene	<330 ppb	EPA 8270
01/23/08	Acenaphthene	<330 ppb	EPA 8270
01/23/08	Acenaphthylene	<330 ppb	EPA 8270
01/23/08	Fluorene	<330 ppb	EPA 8270
01/23/08	Phenanthrene	<330 ppb	EPA 8270
01/23/08	Anthracene	<330 ppb	EPA 8270
01/23/08	Fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/23/08	Chrysene	<330 ppb	EPA 8270
01/23/08	Pyrene	<330 ppb	EPA 8270
01/23/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/23/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Address: 537 North State Rd, #127
City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065212
Name: Gary Giglio
Address of site: 178 Warburton Ave
City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 5

Site: wall south west
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05 00 AM
Lab No.: j0800557

Date Analyzed	Test Name	Result	Method
01/23/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/23/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065213
Name: Gary Giglio
Address of site: 178 Warburton Ave
City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 6

Site: wall west south
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800558

Date Analyzed	Test Name	Result	Method
01/22/08	1,2,4-Trimethylbenzene	<5 ppb	8260
01/22/08	1,3,5-Trimethylbenzene	<5 ppb	8260
01/22/08	Benzene	<5 ppb	8260
01/22/08	Ethylbenzene	<5 ppb	8260
01/22/08	Isopropylbenzene	<5 ppb	8260
01/22/08	m&p xylene	<5 ppb	8260
01/22/08	MTBE	<5 ppb	8260
01/22/08	Naphthalene	<5 ppb	8260
01/22/08	n-Butylbenzene	<5 ppb	8260
01/22/08	n-Propylbenzene	<5 ppb	8260
01/22/08	o-Xylene	<5 ppb	8260
01/22/08	p-Isopropiytoluene	<5 ppb	8260
01/22/08	sec-Butylbenzene	<5 ppb	8260
01/22/08	tert-Butylbenzene	<5 ppb	8260
01/22/08	Toluene	<5 ppb	8260
01/22/08	Total Xylenes	<5 ppb	8260
01/23/08	Naphthalene	<330 ppb	EPA 8270
01/23/08	Acenaphthene	<330 ppb	EPA 8270
01/23/08	Acenaphthylene	<330 ppb	EPA 8270
01/23/08	Fluorene	<330 ppb	EPA 8270
01/23/08	Phenanthrene	<330 ppb	EPA 8270
01/23/08	Anthracene	<330 ppb	EPA 8270
01/23/08	Fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(a)anthracene	<330 ppb	EPA 8270
01/23/08	Chrysene	<330 ppb	EPA 8270
01/23/08	Pyrene	<330 ppb	EPA 8270
01/23/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
01/23/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
01/23/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 065213
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 6

Site: wall west south
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 1/17/2008
Time Collected: 2:10:00 PM

Date Received: 1/21/2008
Time Received: 10:05:00 AM
Lab No.: j0800558

Date Analyzed	Test Name	Result	Method
01/23/08	Benzo(a)pyrene	<330 ppb	EPA 8270
01/23/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Analytical Report

Performer Compliance LLC: ALL County Homes Corp
537 North State Rd, #127
Briafcliff Manor, NY 10510

Report Date: 3/5/2008

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066391
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 1

Site: 1 Wall E - South
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801726

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	<330 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066391
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 1

Site: 1 Wall E - South
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801726

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066392
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 2

Site: 2 Wall E - Mid
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801727

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	350 ppb	EPA 8270
02/29/08	Phenanthrene	2500 ppb	EPA 8270
02/29/08	Anthracene	740 ppb	EPA 8270
02/29/08	Fluoranthene	1900 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	970 ppb	EPA 8270
02/29/08	Chrysene	1400 ppb	EPA 8270
02/29/08	Pyrene	6200 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	700 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:

Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066392

Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 2

Site: 2 Wall E - Mid
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801727

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066393
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 3

Site: 3 Wall E - North
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801728

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	<330 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066393
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 3

Site: 3 Wall E - North
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801728

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066394
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 4

Site: 4 Wall N - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801729

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	<330 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127
City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information:
Name: Gary Giglio
Address of site: 178 Warburton Ave
City: Yonkers
State: NY **Zip:** 10701
Phone:

JMS ID: 066394

Sample's Information: **Sample ID:** 4

Site: 4 Wall N - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45 00 PM
Lab No.: j0801729

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066395
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 5

Site: 5 Wall N- West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801730

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	<330 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066395
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 5

Site: 5 Wall N- West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801730

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
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41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066396
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 6

Site: 6 Wall W - North
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801731

Date Analyzed	Test Name	Result		Method
02/28/08	1,2,4-Trimethylbenzene	120 ppb		8260
02/28/08	1,3,5-Trimethylbenzene	150 ppb		8260
02/28/08	Benzene	10 ppb		8260
02/28/08	Ethylbenzene	130 ppb		8260
02/28/08	Isopropylbenzene	12 ppb		8260
02/28/08	m&p xylene	350 ppb		8260
02/28/08	MTBE	<5 ppb		8260
02/28/08	Naphthalene	11 ppb		8260
02/28/08	n-Butylbenzene	<5 ppb		8260
02/28/08	n-Propylbenzene	30 ppb		8260
02/28/08	o-Xylene	160 ppb		8260
02/28/08	p-Isoproplytoluene	<5 ppb		8260
02/28/08	sec-Butylbenzene	<5 ppb		8260
02/28/08	tert-Butylbenzene	<5 ppb		8260
02/28/08	Toluene	170 ppb		8260
02/28/08	Total Xylenes	510 ppb		8260
02/29/08	Naphthalene	<330 ppb		EPA 8270
02/29/08	Acenaphthene	<330 ppb		EPA 8270
02/29/08	Acenaphthylene	<330 ppb		EPA 8270
02/29/08	Fluorene	<330 ppb		EPA 8270
02/29/08	Phenanthrene	<330 ppb		EPA 8270
02/29/08	Anthracene	<330 ppb		EPA 8270
02/29/08	Fluoranthene	<330 ppb		EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb		EPA 8270
02/29/08	Chrysene	<330 ppb		EPA 8270
02/29/08	Pyrene	<330 ppb		EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb		EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb		EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb		EPA 8270

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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066396
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 6

Site: 6 Wall W - North
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801731

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066397
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 7

Site: 7 Wall W - Mid
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801732

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	650 ppb	EPA 8270
02/29/08	Acenaphthene	790 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	1300 ppb	EPA 8270
02/29/08	Phenanthrene	6200 ppb	EPA 8270
02/29/08	Anthracene	1800 ppb	EPA 8270
02/29/08	Fluoranthene	3600 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	1700 ppb * over	EPA 8270
02/29/08	Chrysene	2300 ppb * over	EPA 8270
02/29/08	Pyrene	11000 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	1300 ppb * over	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066397
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 7

Site: 7 Wall W - Mid
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801732

Date Analyzed	Test Name	Result		Method
02/29/08	Benzo(a)pyrene	950 ppb	Dup	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb		EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066398
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 8

Site: 8 Wall S - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801733

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	370 ppb	EPA 8270
02/29/08	Phenanthrene	2100 ppb	EPA 8270
02/29/08	Anthracene	640 ppb	EPA 8270
02/29/08	Fluoranthene	1300 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	760 ppb	EPA 8270
02/29/08	Chrysene	980 ppb	EPA 8270
02/29/08	Pyrene	4100 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	1100 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066398
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 8

Site: 8 Wall S - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: J0801733

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	970 ppb *	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
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41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066399
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 9

Site: 9 Floor Mid -East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801734

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	55 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	76 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	29 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	130 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	6 ppb	8260
02/28/08	o-Xylene	69 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	52 ppb	8260
02/28/08	Total Xylenes	199 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	360 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	360 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066399
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 9

Site: 9 Floor Mid -East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801734

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	440 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066400
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 10

Site: 10 Floor N - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801735

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
02/29/08	Naphthalene	<330 ppb	EPA 8270
02/29/08	Acenaphthene	<330 ppb	EPA 8270
02/29/08	Acenaphthylene	<330 ppb	EPA 8270
02/29/08	Fluorene	<330 ppb	EPA 8270
02/29/08	Phenanthrene	<330 ppb	EPA 8270
02/29/08	Anthracene	<330 ppb	EPA 8270
02/29/08	Fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(a)anthracene	<330 ppb	EPA 8270
02/29/08	Chrysene	<330 ppb	EPA 8270
02/29/08	Pyrene	<330 ppb	EPA 8270
02/29/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
02/29/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
02/29/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information:
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

JMS ID: 066400

Sample's Information: **Sample ID:** 10

Site: 10 Floor N - East
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801735

Date Analyzed	Test Name	Result	Method
02/29/08	Benzo(a)pyrene	<330 ppb	EPA 8270
02/29/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066401
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 11

Site: 11 Floor - N West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801736

Date Analyzed	Test Name	Result	Method
02/28/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/28/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/28/08	Benzene	<5 ppb	8260
02/28/08	Ethylbenzene	<5 ppb	8260
02/28/08	Isopropylbenzene	<5 ppb	8260
02/28/08	m&p xylene	<5 ppb	8260
02/28/08	MTBE	<5 ppb	8260
02/28/08	Naphthalene	<5 ppb	8260
02/28/08	n-Butylbenzene	<5 ppb	8260
02/28/08	n-Propylbenzene	<5 ppb	8260
02/28/08	o-Xylene	<5 ppb	8260
02/28/08	p-Isoproplytoluene	<5 ppb	8260
02/28/08	sec-Butylbenzene	<5 ppb	8260
02/28/08	tert-Butylbenzene	<5 ppb	8260
02/28/08	Toluene	<5 ppb	8260
02/28/08	Total Xylenes	<5 ppb	8260
03/04/08	Naphthalene	<330 ppb	EPA 8270
03/04/08	Acenaphthene	<330 ppb	EPA 8270
03/04/08	Acenaphthylene	<330 ppb	EPA 8270
03/04/08	Fluorene	<330 ppb	EPA 8270
03/04/08	Phenanthrene	<330 ppb	EPA 8270
03/04/08	Anthracene	<330 ppb	EPA 8270
03/04/08	Fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(a)anthracene	<330 ppb	EPA 8270
03/04/08	Chrysene	<330 ppb	EPA 8270
03/04/08	Pyrene	<330 ppb	EPA 8270
03/04/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
03/04/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information:
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

JMS ID: 066401

Sample's Information: **Sample ID:** 11

Site: 11 Floor - N West
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801736

Date Analyzed	Test Name	Result	Method
03/04/08	Benzo(a)pyrene	<330 ppb	EPA 8270
03/04/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066402
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 12

Site: 12 Floor N Center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801737

Date Analyzed	Test Name	Result	Method
02/29/08	1,2,4-Trimethylbenzene	<5 ppb	8260
02/29/08	1,3,5-Trimethylbenzene	<5 ppb	8260
02/29/08	Benzene	<5 ppb	8260
02/29/08	Ethylbenzene	<5 ppb	8260
02/29/08	Isopropylbenzene	<5 ppb	8260
02/29/08	m&p xylene	<5 ppb	8260
02/29/08	MTBE	<5 ppb	8260
02/29/08	Naphthalene	<5 ppb	8260
02/29/08	n-Butylbenzene	<5 ppb	8260
02/29/08	n-Propylbenzene	<5 ppb	8260
02/29/08	o-Xylene	<5 ppb	8260
02/29/08	p-Isoproplytoluene	<5 ppb	8260
02/29/08	sec-Butylbenzene	<5 ppb	8260
02/29/08	tert-Butylbenzene	<5 ppb	8260
02/29/08	Toluene	<5 ppb	8260
02/29/08	Total Xylenes	<5 ppb	8260
03/04/08	Naphthalene	<330 ppb	EPA 8270
03/04/08	Acenaphthene	<330 ppb	EPA 8270
03/04/08	Acenaphthylene	<330 ppb	EPA 8270
03/04/08	Fluorene	<330 ppb	EPA 8270
03/04/08	Phenanthrene	<330 ppb	EPA 8270
03/04/08	Anthracene	<330 ppb	EPA 8270
03/04/08	Fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(a)anthracene	<330 ppb	EPA 8270
03/04/08	Chrysene	<330 ppb	EPA 8270
03/04/08	Pyrene	<330 ppb	EPA 8270
03/04/08	Indeno(1,2,3-cd)pyrene	<330 ppb	EPA 8270
03/04/08	Benzo(b)fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(k)fluoranthene	<330 ppb	EPA 8270
03/04/08	Benzo(g,h,i)perylene	<330 ppb	EPA 8270

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WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Performer Compliance LLC: ALL County Homes Corp

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briafcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 066402
Name: Gary Giglio
Address of site: 178 Warburton Ave

City: Yonkers
State: NY **Zip:** 10701
Phone:

Sample's Information: **Sample ID:** 12

Site: 12 Floor N Center
Preservative: N/A
Temperature:
Matrix: Soil

Date Collected: 2/15/2008
Time Collected: 2:50:00 PM

Date Received: 2/25/2008
Time Received: 12:45:00 PM
Lab No.: j0801737

Date Analyzed	Test Name	Result	Method
03/04/08	Benzo(a)pyrene	<330 ppb	EPA 8270
03/04/08	Dibenz(a,h)anthracene	<330 ppb	EPA 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

APPENDIX B

WASTE DISPOSAL MANIFESTS

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 1 Last Truck (check if yes) ☐ Job # 9000 – 1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 65450 GROSS WEIGHT 94160
NET TONS 32.74 TARE WEIGHT 28680
TICKET NUMBER 41846

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been proper.y described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

Generator Authorized Agent: Name
Signature
Shipment Date 01/8/08

SITE LOCATION

Job Name Waterfront
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name DIV
Address & Misty Mountain Rd.
Randolph, NJ.
Phone No.

Truck Name DIV
Truck No. 50
Driver Name (Print) Gus
Vehicle License No./State AK850 U NJ 7/6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature
Shipment Date 01/15/08

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1) D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature
Receipt Date 01/15/08

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 2 Last Truck (check if yes) ☐ Job # 9000 - 1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 71,420 GROSS WEIGHT 99,900
NET TONS 35.71 TARE WEIGHT 28,480
TICKET NUMBER 41849

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/15/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers N.Y.

TRANSPORTER

Transporter Name Bethal Ltd
Address Wayne NJ

Truck Name Bethal
Truck No. 805
Driver Name (Print) J Villegas
Vehicle License No./State AK776K

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

01/15/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

01/15/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/15/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 3 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A-Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 73,180 GROSS WEIGHT 101,500
NET TONS 36.59 TARE WEIGHT 28,620
TICKET NUMBER 41848

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.__ Non Res.__ Other

David Clark — Generator Authorized Agent Name
Signature
01/15/08 — Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name Battal Trucking
Address Wayne
New Jersey

Truck Name Bass and Sons.
Truck No. 1
Driver Name (Print) Luis D Venegas
Vehicle License No./State AK 6640 Bass.

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — 01/15/08 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature — 01/15/08 Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature — 01/15/08 Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 4 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5979

Contractor Name TSTL Inc
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 74,220 GROSS WEIGHT 99,340
NET TONS 37.11 TARE WEIGHT 25,120
TICKET NUMBER 41847

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Cook
Weehawken
Generator Authorized Agent Name

178 Warburton Ave
Signature

01/15/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY.

TRANSPORTER

Transporter Name BATTAL
Address WAYNE NJ

Truck Name BATTAL
Truck No. 803
Driver Name (Print) ANTONIO SANTANA
Vehicle License No./State [illegible]

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature
01/15/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature
01/15/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.
Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature
01/18/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 5 Last Truck (check if yes) ☐ Job # 9000 – 1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 41,460 GROSS WEIGHT 100,140
NET TONS 35.73 TARE WEIGHT 24,680
TICKET NUMBER 11914

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/15/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name DIV
Address 6 MISTY MOUNTAIN Rd.
RANDOLPH NJ

Phone No.

Truck Name DIV
Truck No. 50
Driver Name (Print) Guys
Vehicle License No./State A12390 4 NJ 7/6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/15/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 6 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 71,800 GROSS WEIGHT 100,420
NET TONS 3590 TARE WEIGHT 28620
TICKET NUMBER 4921

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark — Generator Authorized Agent Name
Signature
01/15/08 — Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name Battal Trucking
Address Wayne
New Jersey

Truck Name Dan and Sons
Truck No. 1
Driver Name (Print) Luis D Vinuesa
Vehicle License No./State AK664B1

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature
01/15/08 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature
01/15/08 — Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature
01/15/08 — Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 7 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY.
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 65260 GROSS WEIGHT 93740
NET TONS 32.63 TARE WEIGHT 28480
TICKET NUMBER 41929

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01508
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name Bethal Tlr
Address Wayne NJ

Truck Name Bethal Tlr
Truck No. 805
Driver Name (Print) JV. Meras
Vehicle License No./State AK776K

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

01508
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

01508
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01508
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 8 Last Truck (check if yes) ☐ Job # 9000-106j

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 58180 GROSS WEIGHT 83,300
NET TONS 29.09 TARE WEIGHT 25120
TICKET NUMBER 41930

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/15/08
Shipment Date

SITE LOCATION

Job Name Warbarten
Address 178 Warbarten Ave.
Yonkers NY

TRANSPORTER

Transporter Name Battal
Address Wayne NJ.

Truck Name Battal
Truck No. 803
Driver Name (Print) Alfonso Santana
Vehicle License No./State AH6076H

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

01/15/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

01/15/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/15/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 9 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-747-5574

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 64,920 GROSS WEIGHT 93,600
NET TONS 32.46 TARE WEIGHT 28,680
TICKET NUMBER 41948

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any app icable state law, is not hazardous waste as defined by 40 CFT Par: 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

Shipment Date 01/16/07

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name DiV
Address 6 Misty Mountain Rd.
Randolph, NJ.
Phone No.

Truck Name DiV
Truck No. 50
Driver Name (Print) Ezzi
Vehicle License No./State AX 370U NJ 716

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date 01/16/08

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

Receipt Date 01/16/08

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 10 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall, NY
Phone No. 914-778-5974

Contractor Name TSTL, Inc
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 73.58 GROSS WEIGHT 102.66
NET TONS 36.99 TARE WEIGHT 29.08
TICKET NUMBER 4958

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been proper y described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

9/16/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name
Address

Truck Name
Truck No.
Driver Name (Print)
Vehicle License No./State

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

9/16/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 11 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A-Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TST Line
Address P.O. Box 433
Highland Mills NY
Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 74610 GROSS WEIGHT 99310
NET TONS 37.31 TARE WEIGHT 24510
TICKET NUMBER 41964

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark — Generator Authorized Agent Name
Signature
01/16/08 — Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name Bethel Tank
Address Wayne NJ

Truck Name Bethel Tank
Truck No. 805
Driver Name (Print) Juan Villegas
Vehicle License No./State AK7761C

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature
01/16/08 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.
Driver Signature
01/16/08 — Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature
01/16/08 — Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 12 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 483
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 74,900 GROSS WEIGHT 100,020
NET TONS 3745 TARE WEIGHT 25,120
TICKET NUMBER 41974

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark — Generator Authorized Agent Name
Signature
01/16/08 — Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY.

TRANSPORTER

Transporter Name Buttal
Address Wayne NJ

Truck Name Buttal
Truck No. 403
Driver Name (Print) Antonio Santana
Vehicle License No./State AH1664H

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — Shipment Date 01/16/08

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature — Shipment Date 01/16/08

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1) D2, D3, S.P.

Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature — Receipt Date 01/16/08

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 13 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall, NY
Phone No. 914-774-5974

Contractor Name TST LTnc.
Address P.O. Box 453
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 69400 GROSS WEIGHT 98020
NET TONS 34.70 TARE WEIGHT 28620
TICKET NUMBER 46351

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/16/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name
Address
Phone No.

Truck Name
Truck No.
Driver Name (Print)
Vehicle License No./State

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/16/08
Receipt Date

Generator Name

Address

Phone No.

TOTE WEIGHT SLIP INCLUDED

NET WEIGHT GROSS WEIGHT

NET TONS TARE WEIGHT

TICKET NUMBER 16377

Soil Type Bag Non Haz Other

Generator Authorized Agent Name Signature Date

SITE LOCATION

Job Name Address

TRANSPORTER

Transporter Name

Address

Phone No.

Truck Name

Truck No.

Driver Name (Print)

Vehicle License No./State

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 17 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills, NY
Phone No.

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 61,180 GROSS WEIGHT 90,[illegible]
NET TONS 30.59 TARE WEIGHT 29,820
TICKET NUMBER 46407

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/17/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name Bass + Sons (Bethel)
Address P.O. Box 567
Glen Gardiner NJ 08826
Phone No.

Truck Name Bass
Truck No. 2
Driver Name (Print) Daniel Gorish
Vehicle License No./State AL-519BNJ

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 01/17/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature 01/17/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/17/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 18 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 7.500 GROSS WEIGHT 46,460
NET TONS 39.25 TARE WEIGHT 27960
TICKET NUMBER 4641

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/07/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY

TRANSPORTER

Transporter Name LP Trucking
Address ___

Truck Name LP Trucking
Truck No. 01
Driver Name (Print) RICARDO CHAVEZ
Vehicle License No./State AE934P

Phone No. ___

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature
Shipment Date 01/07/08

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature
Shipment Date 01/7/08

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D), D2, D3, S.P.

Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

Receipt Date 1/7/08

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 19 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name A-Tanks A-Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TST LTD INC.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 68,020 GROSS WEIGHT 97,460
NET TONS 34.01 TARE WEIGHT 25,480
TICKET NUMBER 46410

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/17/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name Bartal Trk
Address Wayne NJ

Truck Name Bartal
Truck No. 805
Driver Name (Print) Juan Villegas
Vehicle License No./State AK77614

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 01/17/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature 01/17/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

1/17/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 20 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills, NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 49.52 GROSS WEIGHT 83.68
NET TONS 34.53 TARE WEIGHT 25.20
TICKET NUMBER 4643

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

09/17/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name
Address
Truck Name
Truck No.
Driver Name (Print)
Vehicle License No./State
Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

9/17/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 21 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall, NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED
NET WEIGHT 6670 GROSS WEIGHT 55510
NET TONS 33.37 TARE WEIGHT 25 840
TICKET NUMBER 46507

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.__ Non Res.__ Other__

David Clark
Generator Authorized Agent Name

Signature

01 17 08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 175 Warburton Ave.
Yonkers NY

TRANSPORTER

Transporter Name Bass + Sons (Bathal)
Address Glen Gardner, NJ 08826

Truck Name Bass
Truck No. 2
Driver Name (Print) Daniel A Gaish
Vehicle License No./State AL-519 B NJ

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 01 17 08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature 01 17 08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

1/17/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 22 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address P.O. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address P.O. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 70720 GROSS WEIGHT 69340
NET TONS 35.36 TARE WEIGHT 24620
TICKET NUMBER 46515

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark
Generator Authorized Agent Name

Signature

01/20/08
Shipment Date

SITE LOCATION

Job Name Webster
Address 178 Webster Ave.
Yonkers NY

TRANSPORTER

Transporter Name
Address
Phone No.

Truck Name
Truck No.
Driver Name (Print)
Vehicle License No./State

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, D1, D2, D3, S.P.
Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

1/17/08
Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 23 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name ~~Turbo Asbestos~~ All-County Homes Corp Contractor Name TST LCI INC

Address ~~P.O. Box 73~~ 28 Reade St Address P.O. Box 433

~~Campbell Hall NY~~ Yonkers NY 10703 Highland Mills NY

Phone No. 914-774-5974 Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 72,216 GROSS WEIGHT 100,020

NET TONS 36.13 TARE WEIGHT 27,840

TICKET NUMBER 4650

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other_____

David Clark — Generator Authorized Agent Name

Signature

01/17/08 — Shipment Date

SITE LOCATION

Job Name Warburton Address 178 Warburton Ave Yonkers NY

TRANSPORTER

Transporter Name _____ Truck Name LP TRUCK

Address _____ Truck No. 201

Driver Name (Print) RICARDO CHAVEZ

Vehicle License No./State 8C93EP

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

RICARDO CHAVEZ — Driver Signature — 01/17/08 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

RICARDO CHAVEZ — Driver Signature — 01/17/08 — Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6 (D1) D2, D3, S.P.

Other _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature — 01/17/08 — Receipt Date

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Manifest # 24 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name Tanks A Lot
Address PO. Box 73
Campbell Hall NY
Phone No. 914-774-5974

Contractor Name TSTL Inc.
Address PO. Box 433
Highland Mills NY
Phone No.

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 19420 GROSS WEIGHT 47960
NET TONS 34.71 TARE WEIGHT 27540
TICKET NUMBER 46519

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Cook
Generator Authorized Agent Name

Signature

01/17/08
Shipment Date

SITE LOCATION

Job Name Warburton
Address 178 Warburton Ave
Yonkers NY.

TRANSPORTER

Transporter Name Bethal Trans
Address Wayne NJ

Truck Name Bethal Trans
Truck No. 805
Driver Name (Print) J Villeses
Vehicle License No./State AK776K

Phone No.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 01/17/08
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature 01/17/08
Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.

Other

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/17/08
Receipt Date

Manifest # 25 Last Truck (check if yes) ☐ Job # 9000-1061

GENERATOR

Generator Name ~~Tuckahoe~~ All-County Homes Corp Contractor Name TST LLC INC

Address ~~P.O. Box 73~~ 28 Reade St Address P.O. Box 433

~~Campbell Hall NY~~ Yonkers NY 10703 Highland Mills NY

Phone No. 914-774-5974 Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 73216 GROSS WEIGHT 100,220

NET TONS 36.63 TARE WEIGHT 27004

TICKET NUMBER 4650

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Soil Type Res.___ Non Res.___ Other___

David Clark — Generator Authorized Agent Name

Signature

01/17/08 — Shipment Date

SITE LOCATION

Job Name Winhurst Address 178 Winhurst Ave Yonkers NY

TRANSPORTER

Transporter Name ___

Address ___

Truck Name LT TRUCK

Truck No. 201

Driver Name (Print) RICARDO CHAVEZ

Vehicle License No./State 8E73EP

Phone No. ___

I hereby certify that the above named material was picked up at the generator site listed above.

RICARDO CHAVEZ — Driver Signature

01/17/08 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

RICARDO CHAVEZ — Driver Signature

01/17/08 — Shipment Date

DESTINATION

Bellmawr Waterfront Development
204 Harding Ave. Bellmawr, N.J. 08099
856-933-2204

Sector Location
B1, B2, B3, B4, B5, B6, (D1), D2, D3, S.P.

Other ___

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

01/17/08 — Receipt Date

EXHIBIT 7

2008 PERFORMER COMPLIANCE SITE INVESTIGATION REPORT

SITE INVESTIGATION

PROPERTY:

Former Gas Station
178 Warburton Avenue
Yonkers, NY 10701

Former WCDOH PBS No. 3-497606
NYSDEC Spill No. 0508784

DATED:

June 2008

PREPARED FOR:

All-County Homes, Inc.
178 Warburton Avenue
Yonkers, NY 10701

PREPARED BY:

PERFORMER COMPLIANCE LLC
537 North State Road #127
Briarcliff Manor, New York 10510

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2.1 Site Description 1
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2.5 Water Discharge Information 2
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3.1 Site Operations 2
4.0 SAMPLING AND ANALYTICAL RESULTS 3
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5.0 SUMMARY AND RECOMMENDATIONS 3
6.0 REGULATORY REVIEW 3
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FIGURE 1 - Site Location Map
FIGURE 2 - Aerial Photo
FIGURE 3 - Site Plan
APPENDIX A - Analytical Results
APPENDIX B - NYSDEC Spill Record

1.0 INTRODUCTION

Performer Compliance LLC (PCLLC) was contracted by All County Homes Corp. of Yonkers, NY to perform a subsurface assessment at an active auto repair shop located at 178 Warburton Avenue in Yonkers, NY. The purpose for the work was to determine groundwater conditions subsequent to recent removals of USTs, piping and pump islands at the subject property. The work was performed in accordance with the directives of the Westchester County Department of Health (WCDOH).

This report summarizes all activities which were performed at the site, relative to tank removal and does not address any additional environmental issues related to the site. Information in this report is based on observations made by personnel on site and data provided by others.

2.0 SITE INFORMATION

2.1 Site Description

The site is a commercially zoned parcel containing a single story masonry and steel building which houses an office and service bays supporting an active motor vehicle repair operation. The property contains paved parking and driveway areas to the front of the building. The site was formerly listed as a Petroleum Bulk Storage Facility within the Westchester County Department of Health (WCDOH) database (PBS # 3-497606) due to the former presence of petroleum storage tanks in excess of 1100 gallons in total capacity.

The site is a commercially-zoned parcel containing a single story masonry building with office and vehicle service bays. Driveway and parking areas surround the building to the north and west. Ten (10) underground gasoline storage tanks and one (1) used oil storage tank, as well as a pump island were located in front of the building (west). These areas are currently covered with blacktop as well as item 4 over the former excavation. Soils on the subject property and surrounding area are classified as urban land, where the land surface is primarily covered by roads, building footprints and other impervious surfaces.

2.2 Site Location

The site is located on the eastern side of Warburton Avenue, north of Quincy Street and south of Ashburton Avenue in the city of Yonkers, in Westchester County, New York The address of the site is

listed in city records as 178 Warburton Avenue, Yonkers, NY. A general map of the area shows its location in relationship to local and major routes (Figure 1).

2.3 Area Land Use

The subject site is located in an urban commercial and light industrial area with apartment buildings directly up-gradient to the east, residential multi-family wood frame structures properties to the north and south, and commercial establishments across the street and down-gradient to the west. The attached aerial photo gives greater detail. According to a review of practically available records, the site has been used for gasoline sales and vehicle repairs since at least the 1950s. Based on information from the City of Yonkers Building Department, the nearby area along Warburton Avenue has been used for commercial purposes for over seventy five years.

2.4 Water Supply Information

According to public records, the area is supplied by a municipal water source.

2.5 Water Discharge Information

According to public records, the area is supplied by a municipal sewer system.

2.6 Sensitive Receptors

The subject property is located approximately 2000 ft east of the Hudson River, which flows in a southerly direction to Upper New York Bay. The Hudson River is not used as a source of drinking water. There are no public or private potable water wells, nor is groundwater a source of potable water in the area of the subject site. Groundwater flow across the site is towards the west, based upon topographic features.

3.0 DESCRIPTION OF WORK

3.1 Site Operations

Site operations included the sampling of one (1) 4-inch diameter slotted PVC well which was installed prior to backfill of the tank excavation in order to provide on-going subsurface information. The well was positioned down-gradient (adjacent to the western sidewall) and within the excavated area to a depth of 13± feet below surface grade.

4.0 SAMPLING AND ANALYTICAL RESULTS

4.1 Sampling Procedure

A groundwater sample was collected from monitoring well MW-1 using a bailer and standard purge and sampling techniques. The sample was analyzed for Volatile Organic (VO) compounds via EPA method 8260 and Semi-Volatile Organic Compounds (SVO) compounds via EPA method 8270 due to the former presence of gasoline and used oil storage at the facility. The result was compared with Groundwater Standards Criteria in accordance with NYSDEC Recommended Soil Cleanup Objectives (RSCOs).

The water sample was placed in glass viles with teflon-lined lids, then stored in a cooler for preservation. The samples were transported to JMS Environmental Services, Inc. of Danbury, Connecticut (NYSDOH and NELAC - certified environmental laboratory) for analyses.

4.2 Analytical Results

Lab analyses found all VO and SVO target compounds to be below laboratory detection levels, thus in compliance with NYSDEC RSCOs. Detailed analytical results are attached in Appendix A.

5.0 SUMMARY AND RECOMMENDATIONS

- Target VO and SVO compounds were compliant with NYSDEC RSCO guidelines.
- There are no public or private potable water wells, nor is groundwater a source of potable water in the area of the subject site;
- The subject site is not within a primary or principal aquifer, or within the recharge area of a public or institutional water supply.

In consideration of the above facts and observations, resource impairment appears negligible, thus the recommendation is for no further action.

6.0 REGULATORY REVIEW

A copy of this report will be forwarded to the Westchester County Department of Health for review and possible further recommendations, pursuant to its requirements.

7.0 DISCLAIMER

This report is based on a limited number and scope of soil/water samples and analyses. The conclusions presented in this report are based only on the observations made during this investigation by PCLLC, as well as sampling and data provided by others. Subsurface conditions such as groundwater elevation and quality may change with time and affect future soil and groundwater data. Therefore, the conclusions and recommendations discussed herein apply only to conditions existing at the time of this report.

Performer Compliance LLC will not be responsible for consequences arising from relevant facts that were not fully disclosed. Performer Compliance LLC believes that the information presented in this report is factual, but no guarantee is made or implied.

Performer Compliance LLC shall not be responsible for any damage, loss or liability arising from negligence of others in the interpretation of data contained in this report. This report is intended for the sole and exclusive use of the client. Performer Compliance LLC assumes no responsibility or liability to any party for any damage, cost, expense or liability incurred by such party as a result of unauthorized use of or reliance upon this report and in any event such liability shall be no greater than the compensation received for this report.

Performer Compliance LLC



Gary Giglio

FIGURE 1

SITE LOCATION MAP

SITE LOCATION

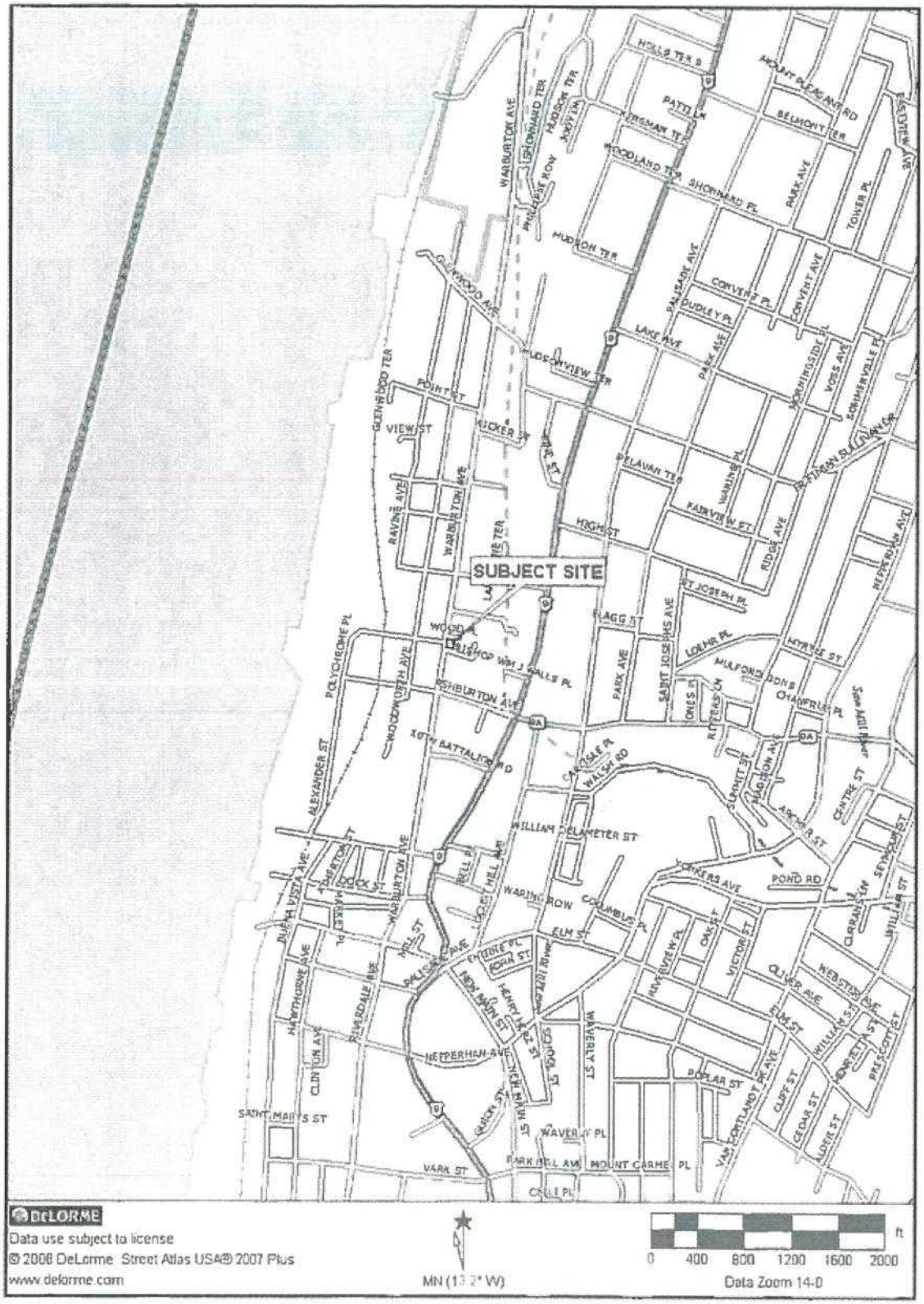


FIGURE 2

AERIAL PHOTO

AERIAL VIEW

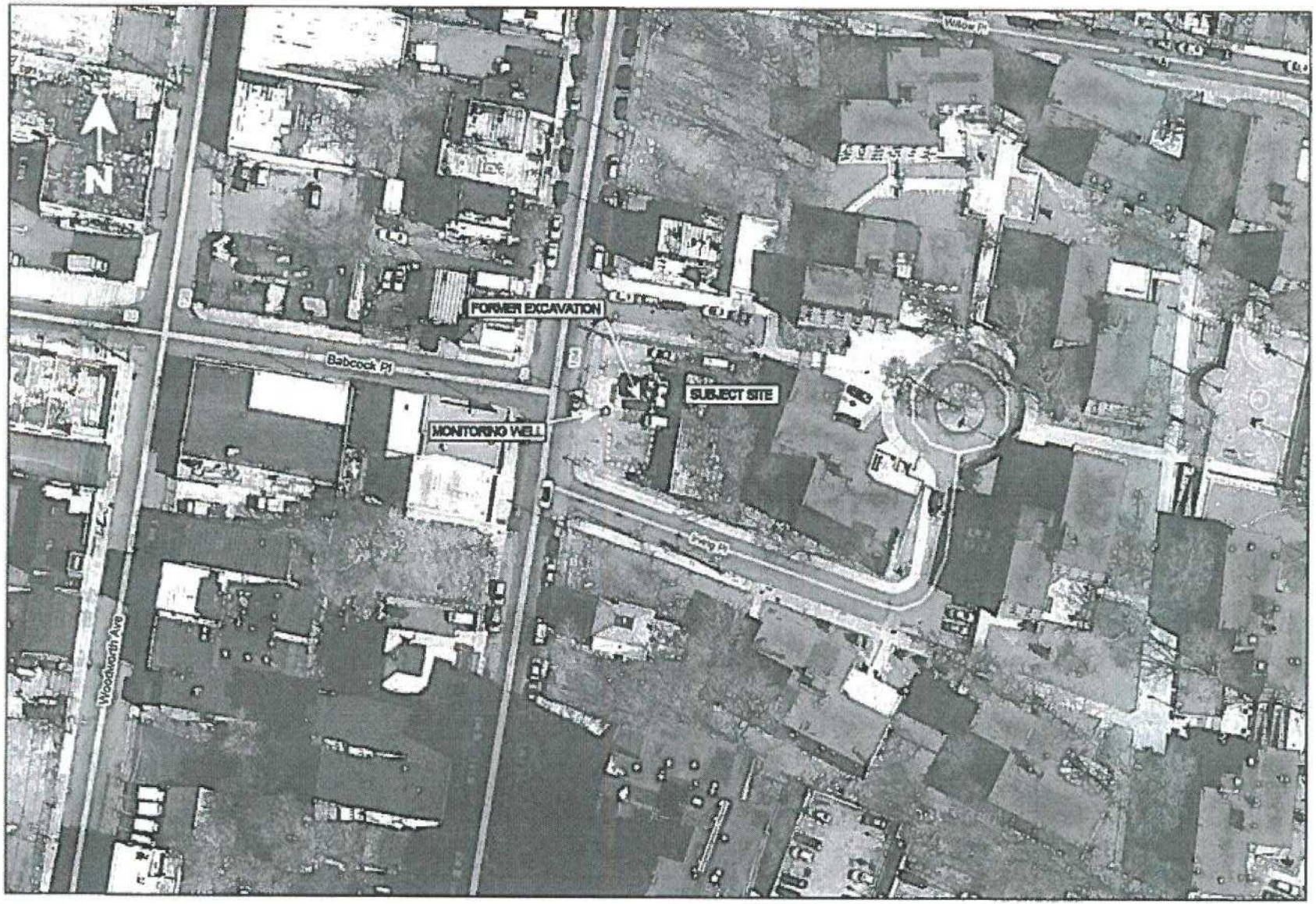

N
FORMER EXCAVATION
Babcock Pl
SUBJECT SITE
MONITORING WELL
Woodworth Ave

FIGURE 3

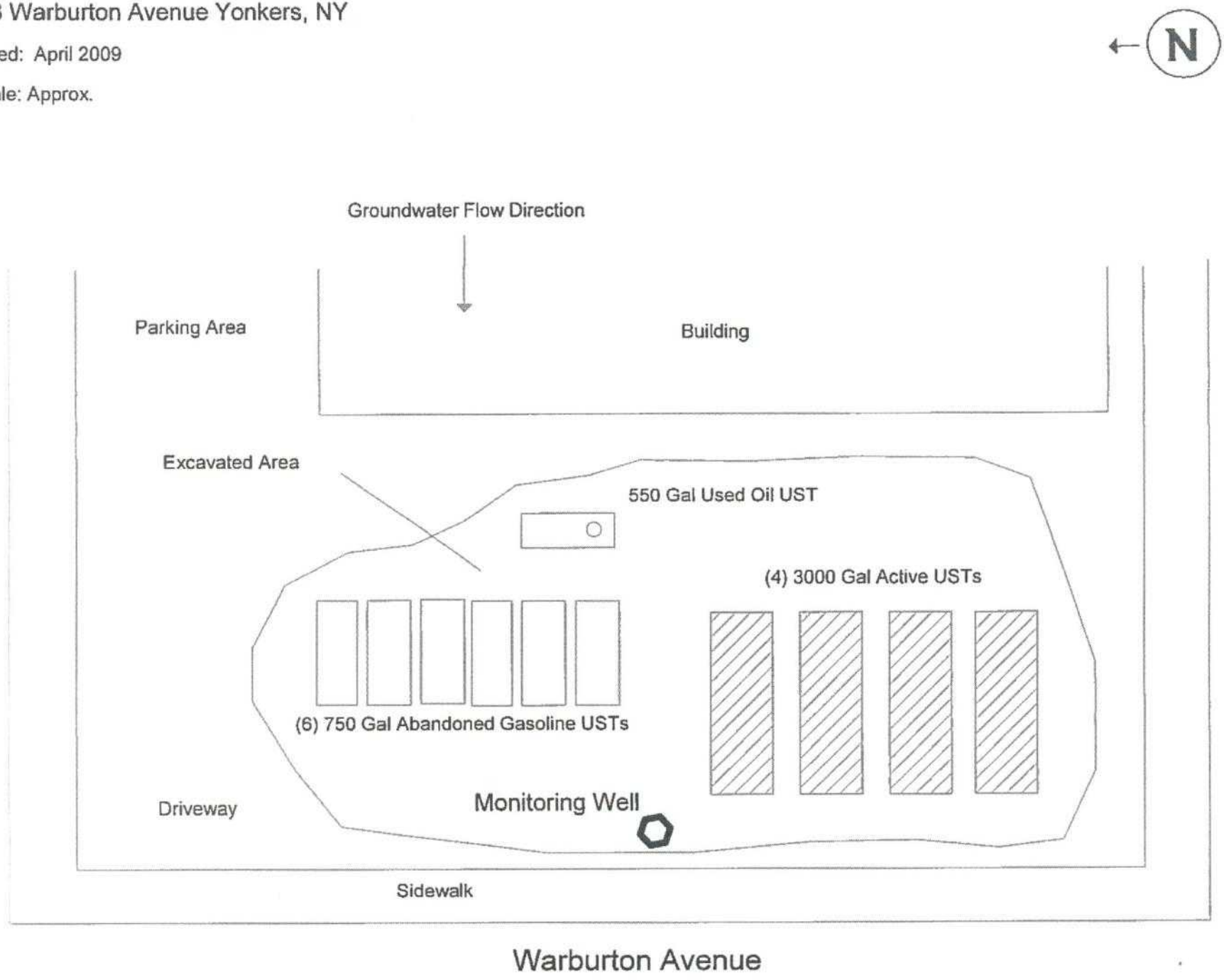
SITE PLAN

SITE PLAN

178 Warburton Avenue Yonkers, NY

Dated: April 2009

Scale: Approx.



APPENDIX A

ANALYTICAL RESULTS

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Analytical Report

Performer Compliance LLC: All County Homes Corp.
537 North State Rd, #127
Briarcliff Manor, NY 10510

Report Date: 4/1/2009

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: All County Homes Corp.

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briarcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 080672
Name: Gary Giglio
Address of site: 178 Warbuton Avenue

City: Yonkers
State: NY **Zip:** 10523
Phone:

Sample's Information: **Sample ID:** 1

Site: 1-Excavation
Preservative: N/A
Temperature:
Matrix: Water

Date Collected: 3/26/2009
Time Collected: 6:30:00 PM

Date Received: 3/27/2009
Time Received: 1:30:00 PM
Lab No.: J0902136

Date Analyzed	Test Name	Result	Method
03/30/09	1,2,4-Trimethylbenzene	<5 ppb	E 8260
03/30/09	1,3,5-Trimethylbenzene	<5 ppb	E 8260
03/30/09	Benzene	<5 ppb	E 8260
03/30/09	Ethylbenzene	<5 ppb	E 8260
03/30/09	Isopropylbenzene	<5 ppb	E 8260
03/30/09	m&p-Xylene	<5 ppb	E 8260
03/30/09	MTBE	<5 ppb	E 8260
03/30/09	Naphthalene	<5 ppb	E 8260
03/30/09	n-Butylbenzene	<5 ppb	E 8260
03/30/09	n-Propylbenzene	<5 ppb	E 8260
03/30/09	o-Xylene	<5 ppb	E 8260
03/30/09	p-Isopropyltoluene	<5 ppb	E 8260
03/30/09	sec-Butylbenzene	<5 ppb	E 8260
03/30/09	tert-Butyl Benzene	<5 ppb	E 8260
03/30/09	Toluene	<5 ppb	E 8260
03/30/09	Total Xylenes	<5 ppb	E 8260
03/30/09	Acenaphthene	<10 ppb	E 8270
03/30/09	Acenaphthylene	<10 ppb	E 8270
03/30/09	Anthracene	<10 ppb	E 8270
03/30/09	Benzo(a)anthracene	<10 ppb	E 8270
03/30/09	Benzo(a)pyrene	<10 ppb	E 8270
03/30/09	Benzo(b)fluoranthene	<10 ppb	E 8270
03/30/09	Benzo(g,h,i)perylene	<10 ppb	E 8270
03/30/09	Benzo(k)fluoranthene	<10 ppb	E 8270
03/30/09	Chrysene	<10 ppb	E 8270
03/30/09	Dibenz(a,h)anthracene	<10 ppb	E 8270
03/30/09	Fluoranthene	<10 ppb	E 8270
03/30/09	Fluorene	<10 ppb	E 8270
03/30/09	Indeno(1,2,3-cd)pyrene	<10 ppb	E 8270
03/30/09	Naphthalene	<10 ppb	E 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Performer Compliance LLC: All County Homes Corp.

Mailing Information:
Name: Performer Compliance LLC
Address: 537 North State Rd, #127

City: Briarcliff Manor
State: NY **Zip:** 10510
Phone: (914) 941-0520 **Fax:** (914) 206-3591

Collector's Information: **JMS ID:** 080672
Name: Gary Giglio
Address of site: 178 Warbuton Avenue

City: Yonkers
State: NY **Zip:** 10523
Phone:

Sample's Information: **Sample ID:** 1

Site: 1-Excavation
Preservative: N/A
Temperature:
Matrix: Water

Date Collected: 3/26/2009
Time Collected: 6:30:00 PM

Date Received: 3/27/2009
Time Received: 1:30:00 PM
Lab No.: J0902136

Date Analyzed	Test Name	Result	Method
03/30/09	Phenanthrene	<10 ppb	E 8270
03/30/09	Pyrene	<10 ppb	E 8270

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 **ELAP #: 11715** **Ref Lab: PH0618**

APPENDIX B

NYSDEC SPILL RECORD

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 0508784

Spill Date/Time

Spill Date: 10/22/2005 **Spill Time:** 04:00:00 PM
Call Received Date: 10/22/2005 **Call Received Time:** 04:38:00 PM

Location

Spill Name: FORMER SCOTT STATION
Address: 178 WARBURTON AVENUE
City: YONKERS **County:** Westchester

Spill Description

Material Spilled **Amount Spilled** **Resource Affected**

Material not identified N/A

Cause: Tank Test Failure
Source: Gasoline Station
Waterbody:

Record Close

Date Spill Closed: Not closed

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

TANK CLOSURE INSPECTION REPORT

Site: All County Homes Corp.		NYSDEC Spill No.: 05-08784
Address: 178 Warburton Ave.		PBS No.: 3-497626
Town: Yonkers	Municipality	Date of Inspection: 1/15/08
Contractor: TANKS-A-LOT		Time of Inspection: 12:00 pm

TANK INFORMATION

	Capacity	Type	Product Stored	Condition
11	550	Steel	Waste Oil	at least one hole.

EXCAVATION INFORMATION

Excavation dimensions: extensive	Is soil staining visible? (Y) N	Are petroleum odors present? (Y) N
Is groundwater present? (Y) N	Is a sheen visible? (Y) N	Is free product present? (Y) N
Was contaminated soil excavated? (Y) N	Is contaminated soil stockpiled on site? Y (N)	Is stockpile properly staged? N/A Y N

Receptors nearby: Private Well | Stream | River | Storm Drain | Lake | Pond

Distance from excavation:

Remarks: Old lift-type tank present in front of bays also found during excavation. Gross contamination found on whole area. ground-water present with contamination.

FURTHER ACTION REQUIRED

Tank Closure Report: Submit to WCDOH. The report must include a description of the work performed, site plan, laboratory results, waste disposal manifests, PBS certificate tank number. Failure to comply is a violation of Section 873.2519 of the Westchester County Sanitary Code.

Contaminated Material: All contaminated material must be removed and properly disposed. Contaminated soil must be removed within 60 days after stockpiling began. Failure to comply is a violation of NYSDEC 6NYCRR Part 360-1.7(b)(4).

Soil Sampling: Sampling must comply with NYSDEC STARS Memo #1. Fuel oil tanks: EPA 8021 and 8270 (base/neutrals) or equivalent. Gasoline tanks EPA 8021 or equivalent.

Required sampling: Every 10-20 ft of sidewall. To be determined after excavation is complete.

Groundwater Sampling: Fuel oil tanks: EPA 624 and EPA 625. Gasoline tanks: EPA 624.

Required sampling: At least one ground water sample after excavation and remediation of gross water contamination - Recovery well may be necessary.

* Submit work plan for remediation beyond sampling.
* Closure report for tank due ~~within~~ by 3/17/08.
  → Remediation of the spill is additional to closure report.

I acknowledge receipt of this inspection report.	Inspector	Telephone No.
Representative's Signature: Anthony Monaco	Danielle Jackson	(914) 813-5971

Westchester gov.com

PETROLEUM BULK STORAGE INSPECTION REPORT

PBS No.: 3-497606

Date: 12/05/2008

Facility: All County Homes Corp.
178 Warburton Avenue
Yonkers, NY 10701

Representative: Jose (Mechanic)

An inspection was performed to determine compliance with Petroleum Bulk Storage regulations, Article XXV of the Westchester County Sanitary Code. Violations identified are listed below along with the tank or dispenser identification number as applicable. The violations need immediate attention to bring your facility into compliance. The Petroleum Bulk Storage code, forms and fees can be found at the Westchester County Department of Health's website: www.westchestergov.com/health/pbs.htm.

TANK ID	LOCATION	CAPACITY	PRODUCT
12	AST	275	#2 Fuel Oil

ARTICLE XXV VIOLATIONS

SECTION	VIOLATION	TANK/DISPENSER ID
873.2519	No site assessment for closed tank	1, 10, 11, 2, 3, 4, 6, 7, 8, 9,
873.2519.3	Product release remediation report not submitted	facility

Site appears to be unregulated due to apparent removal of all tanks except a 275 heating oil AST which had never been registered. No closure report or site assessments were ever submitted for the 2 work permits issued by this Department for the removal of regulated tanks from the site.

These Site assessments and the spill closure report must be submitted immediately.

Notice of Hearing issued 12/23/2008

WCDH Inspector: Stefan Goreau

Email: shg1@westchestergov.com
Phone: 914-813-5168

Westchester gov.com

Andrew J. Spano
County Executive

Department of Health

Joshua Lipsman, M.D., J.D., M.P.H.
Commissioner

February 24, 2009

Anthony Mauro
28 Reade Street
Yonkers, NY 10703

re: All County Homes, Inc., 178 Warburton Ave, Yonkers
PBS# 3-497606
NYSDEC Spill # 0508784

Dear Mr Mauro:

The closure report for the removal of petroleum storage tank#2 at the above referenced site was received and reviewed by this Department:

The results of the soil samples taken indicated residual semi-volatile organic compound contamination in exceedance of the New York State Department of Environmental Conservation's Technical and Administrative Guidance Memorandum #4046 on the walls and bottom of the excavation.

This Department requires that three groundwater samples be taken from the area in proximity to the location of the tank excavation. Typically one sample must be hydrologically upgradient and two samples downgradient of the excavation. I believe groundwater sampling wells were already installed at the site. These wells may be used if found to be suitably located by your contractor.

Please submit a copy of the groundwater sampling report to this Department by April 30, 2009

If you have any further questions, please call me at (914) 813-5168

Sincerely,

Stefan Goreau

Stefan Goreau
Sanitarian
Office of Environmental Health Risk Control
shg1@westchestergov.com

cc: File, WCDOH
J. O'Dee, NYSDEC
Conklin Services

Save water

Westchester gov.com

Andrew J. Spano
County Executive

Department of Health
Joshua Lipsman, M.D., J.D., M.P.H.
Commissioner

April 9, 2009

Anthony Mauro
28 Reade Street
Yonkers, NY 10703

re: All-County Homes, Inc., 178 Warburton Ave., Yonkers
PBS# 3-497606
DEC Spill # 0508784

Dear Mr. Mauro:

The site assessment report for the above referenced site was received and reviewed by this Department:

The result of the groundwater sample was satisfactory when compared with the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum #4046.

At this time, this Department requires **no further action** as per the Westchester County Sanitary Code.

Information regarding this spill is being forwarded to the New York State Department of Environmental Conservation (NYSDEC) for appropriate action. Please note that in order to address and resolve this open spill case:
1) This Department acts pursuant to the Westchester County Sanitary Code,
2) The NYSDEC will act pursuant to New York State Laws and regulations (Article 12 of the Navigation Law/Environmental Conservation Law and implementing regulations).

If you have any further questions, please call me at (914) 813-5168.

Sincerely,

Stefan Goreau

Stefan Goreau
Sanitarian
Office of Environmental Health Risk Control
shg1@westchestergov.com

cc: File, WCDOH
J. O'Dee, NYSDEC
G. Giglio, Performer Compliance

Don't waste a drop
Save water

EXHIBIT 8

GPR SURVEY REPORT

NYLD Infrastructure

NEW YORK LEAK DETECTION, INC.

Field Report

Date: 2-27-17 **Technician:** Steve Carney

Customer: C.T. Male Associates Engineering

Site Address: 178 Warburton Ave. Yonkers, NY

Contact Person: Dan **Phone:** 518-878-2657 **Phone:**

Scope of Work: Utility Location Services -- GPR survey to locate subsurface anomalies (i.e., buried tanks, drums, etc.) and also to locate underground utilities.

Type of Service:

☐ *Leak Detection* ☒ *Utility Location/GPR* ☐ *Video Inspection*

☐ *Infrastructure Assessment* ☐ *Utility Mapping/AutoCAD*

Type of Equipment Used

☐ *Profiler EMP 400* ☒ *RD8000* ☐ *Leica GPS*

☐ *LC2500 Leak Correlator* ☒ *Noggin 250 mHz* ☒ Traceable Rodder

☐ *S-30 Surveyor* ☐ Noggin 500 mHz ☒ *Video Inspection Camera*

☐ *Sonde* ☒ Conquest 1000 mHz ☐ *Helium #* *Bottles*

☐ *Leica Robotic Total Station*

Marking Used

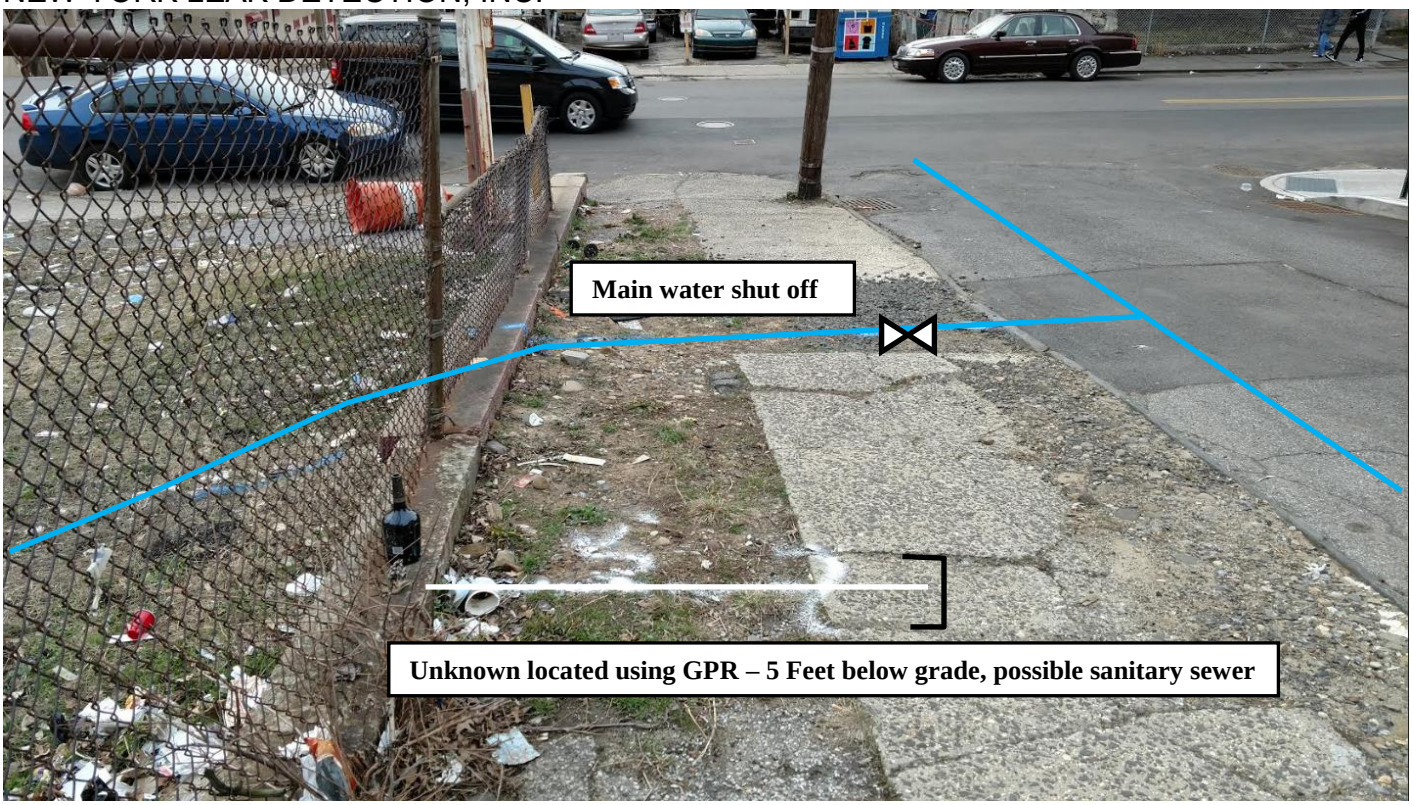
☒ *Paint* ☐ *Flags* ☐ *Chalk*

Instructions from Onsite Contact: Utility Location Services -- GPR survey to locate subsurface anomalies (i.e., buried tanks, drums, etc.) and also to locate underground utilities.

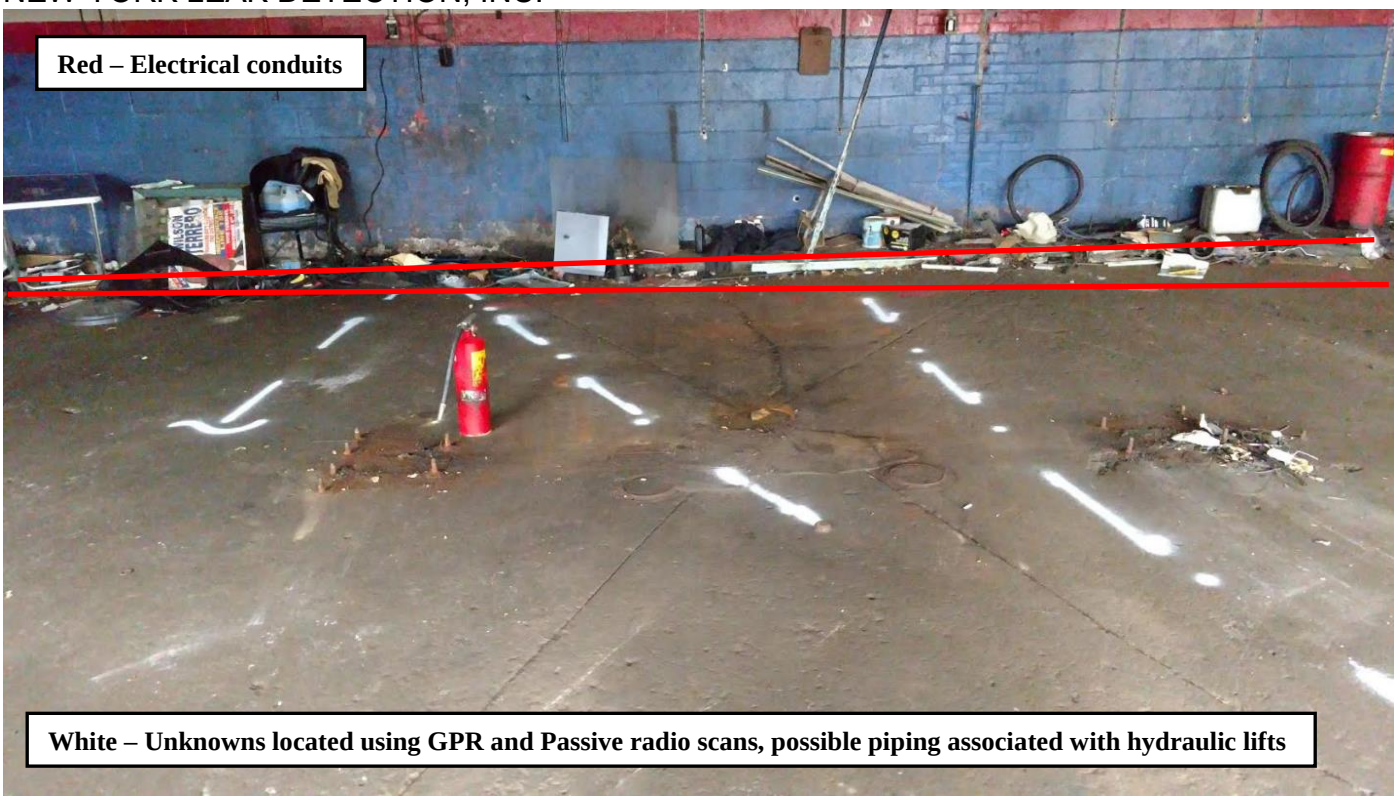
Notes/Testing Results: Scanned all areas using GPR 250 and interior concrete floor with conquest 1000. Located water and main electric using RD 8000. Was not able to locate sanitary sewer using GPR as reception was poor. Removed toilet and utilized inspection camera, this was not possible due to pipe work configuration. Suspected location shown below. No gas was located on the site and no gas meters were seen on property. It was noted that fuel oil was used for heating purposes but would still like National Grid to confirm no gas is on the property. Unknowns are marked with white paint. No UST's were located.

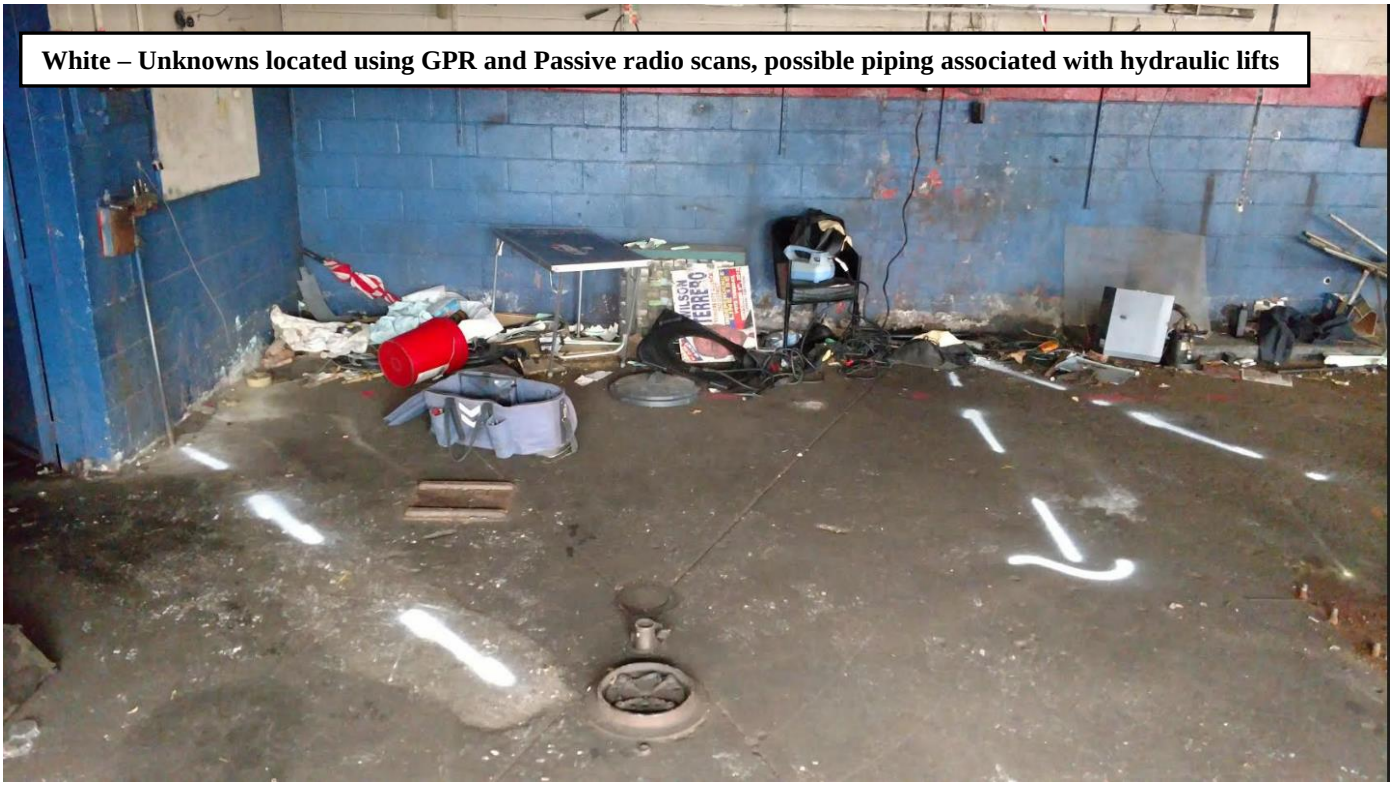
Information Transfer

☒ *Information relayed on site to:* Dan ☐ *Hand drawn map (forward to office for digital remake)* ☐ *All markings picked up by surveyors*


Main water shut off
Unknown located using GPR – 5 Feet below grade, possible sanitary sewer


Main water service


Red – Electrical conduits
White – Unknowns located using GPR and Passive radio scans, possible piping associated with hydraulic lifts


White – Unknowns located using GPR and Passive radio scans, possible piping associated with hydraulic lifts


Water service line
STOP


Red – Electrical conduits


Main electrical feed


Unknown located using GPR - 1.5 feet below grade. Possible conduit that feed site lighting


Electrical conduits terminating at this point – This was possibly a location for a pump island
800-928-4350
NYLD.COM
NYLD
INFRASTRUCTURE
New York Leak Detection, Inc.


Main electrical feed from utility pole
WE BUY GOLD

ATTACHMENT III-1

ANALYTICAL REPORT

Lab Number:	L1640718
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG YONKERS NY
Project Number:	Not Specified
Report Date:	12/22/16

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), 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: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1640718-01	B-9, 5-2, 2-4'	SOIL	Not Specified	12/14/16 13:20	12/14/16

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Case Narrative (continued)

Report Submission

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

Metals

L1640718-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution 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: Michelle M. Morris

Title: Technical Director/Representative Date: 12/22/16

ORGANICS

VOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/16 13:52
Analyst: JC
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.1	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.36	1
o-Xylene	ND		ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	4.9	J	ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	ND		ug/kg	20	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	20	0.28	1
Methyl cyclohexane	ND		ug/kg	4.1	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	72.6	J	ug/kg	1
Unknown Naphthalene	3.29	J	ug/kg	1
Unknown Aromatic	25.4	J	ug/kg	1
Unknown Naphthalene	2.97	J	ug/kg	1
Unknown Naphthalene	4.95	J	ug/kg	1
Unknown Aromatic	36.0	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	106		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/16 08:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG962856-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Methylene chloride	79		80		70-130	1		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	105		103		70-130	2		30
Carbon tetrachloride	127		124		70-130	2		30
1,2-Dichloropropane	82		81		70-130	1		30
Dibromochloromethane	109		108		70-130	1		30
2-Chloroethylvinyl ether	84		84		70-130	0		30
1,1,2-Trichloroethane	91		88		70-130	3		30
Tetrachloroethene	115		118		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	106		110		70-139	4		30
1,2-Dichloroethane	118		112		70-130	5		30
1,1,1-Trichloroethane	119		117		70-130	2		30
Bromodichloromethane	107		105		70-130	2		30
trans-1,3-Dichloropropene	97		99		70-130	2		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	99		96		70-130	3		30
Bromoform	104		100		70-130	4		30
1,1,2,2-Tetrachloroethane	80		80		70-130	0		30
Benzene	88		89		70-130	1		30
Toluene	92		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Ethylbenzene	100		99		70-130	1		30
Chloromethane	82		83		52-130	1		30
Bromomethane	75		76		57-147	1		30
Vinyl chloride	78		81		67-130	4		30
Chloroethane	70		69		50-151	1		30
1,1-Dichloroethene	85		85		65-135	0		30
trans-1,2-Dichloroethene	91		91		70-130	0		30
Trichloroethene	102		100		70-130	2		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	98		100		70-130	2		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	101		102		70-130	1		30
cis-1,2-Dichloroethene	93		93		70-130	0		30
Dibromomethane	106		101		70-130	5		30
Styrene	100		101		70-130	1		30
Dichlorodifluoromethane	113		111		30-146	2		30
Acetone	93		89		54-140	4		30
Carbon disulfide	72		81		59-130	12		30
2-Butanone	89		83		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Vinyl acetate	83		82		70-130	1		30
4-Methyl-2-pentanone	82		73		70-130	12		30
1,2,3-Trichloropropane	87		86		68-130	1		30
2-Hexanone	77		77		70-130	0		30
Bromochloromethane	104		98		70-130	6		30
2,2-Dichloropropane	114		110		70-130	4		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	111		114		70-130	3		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	94		93		70-130	1		30
sec-Butylbenzene	93		95		70-130	2		30
tert-Butylbenzene	98		97		70-130	1		30
o-Chlorotoluene	93		90		70-130	3		30
p-Chlorotoluene	91		91		70-130	0		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Hexachlorobutadiene	114		113		67-130	1		30
Isopropylbenzene	91		93		70-130	2		30
p-Isopropyltoluene	98		98		70-130	0		30
Naphthalene	94		93		70-130	1		30
Acrylonitrile	72		74		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Isopropyl Ether	74		75		66-130	1		30
tert-Butyl Alcohol	85		85		70-130	0		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	108		108		70-130	0		30
1,2,4-Trichlorobenzene	105		108		70-130	3		30
1,3,5-Trimethylbenzene	97		96		70-130	1		30
1,2,4-Trimethylbenzene	96		95		70-130	1		30
Methyl Acetate	76		76		51-146	0		30
Ethyl Acetate	82		78		70-130	5		30
Acrolein	72		84		70-130	15		30
Cyclohexane	83		82		59-142	1		30
1,4-Dioxane	99		91		65-136	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		97		50-139	5		30
p-Diethylbenzene	97		96		70-130	1		30
p-Ethyltoluene	93		93		70-130	0		30
1,2,4,5-Tetramethylbenzene	95		94		70-130	1		30
Tetrahydrofuran	78		76		66-130	3		30
Ethyl ether	74		74		67-130	0		30
trans-1,4-Dichloro-2-butene	90		85		70-130	6		30
Methyl cyclohexane	93		93		70-130	0		30
Ethyl-Tert-Butyl-Ether	90		87		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

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: WG962856-3 WG962856-4								
Tertiary-Amyl Methyl Ether	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	127		120		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	111		111		70-130

SEMIVOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/16 10:42
Analyst: ALS
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	280		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	360		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	97	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	190		ug/kg	110	20.	1
Benzo(a)pyrene	140		ug/kg	140	43.	1
Benzo(b)fluoranthene	120		ug/kg	110	30.	1
Benzo(k)fluoranthene	44	J	ug/kg	110	28.	1

Project Name: CPG YONKERS NY **Lab Number:** L1640718

Project Number: Not Specified **Report Date:** 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01 Date Collected: 12/14/16 13:20

Client ID: B-9, 5-2, 2-4' Date Received: 12/14/16

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	180		ug/kg	110	18.	1
Acenaphthylene	130	J	ug/kg	140	27.	1
Anthracene	290		ug/kg	110	34.	1
Benzo(ghi)perylene	56	J	ug/kg	140	21.	1
Fluorene	280		ug/kg	180	17.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	140	25.	1
Pyrene	480		ug/kg	110	18.	1
Biphenyl	44	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	38	J	ug/kg	180	17.	1
2-Methylnaphthalene	180	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	23	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Naphthalene	150	J	ug/kg			1
Unknown PAH	243	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown Amide	406	J	ug/kg			1
Unknown PAH	168	J	ug/kg			1
Unknown PAH	162	J	ug/kg			1
Unknown PAH	251	J	ug/kg			1
Unknown PAH	205	J	ug/kg			1
Unknown	158	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/21/16 07:03
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 12/17/16 11:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG962280-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Acenaphthene	71		68		31-137	4		50
Benzidine	25		22		10-66	13		50
1,2,4-Trichlorobenzene	66		65		38-107	2		50
Hexachlorobenzene	69		65		40-140	6		50
Bis(2-chloroethyl)ether	68		66		40-140	3		50
2-Chloronaphthalene	69		67		40-140	3		50
1,2-Dichlorobenzene	65		65		40-140	0		50
1,3-Dichlorobenzene	65		65		40-140	0		50
1,4-Dichlorobenzene	64		64		28-104	0		50
3,3'-Dichlorobenzidine	54		51		40-140	6		50
2,4-Dinitrotoluene	70		66		40-132	6		50
2,6-Dinitrotoluene	73		73		40-140	0		50
Azobenzene	72		69		40-140	4		50
Fluoranthene	75		72		40-140	4		50
4-Chlorophenyl phenyl ether	69		66		40-140	4		50
4-Bromophenyl phenyl ether	70		66		40-140	6		50
Bis(2-chloroisopropyl)ether	67		65		40-140	3		50
Bis(2-chloroethoxy)methane	71		68		40-117	4		50
Hexachlorobutadiene	69		66		40-140	4		50
Hexachlorocyclopentadiene	66		64		40-140	3		50
Hexachloroethane	68		64		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Isophorone	72		69		40-140	4		50
Naphthalene	70		67		40-140	4		50
Nitrobenzene	69		68		40-140	1		50
NitrosoDiPhenylAmine(NDPA)/DPA	71		68		36-157	4		50
n-Nitrosodi-n-propylamine	69		68		32-121	1		50
Bis(2-Ethylhexyl)phthalate	81		74		40-140	9		50
Butyl benzyl phthalate	76		73		40-140	4		50
Di-n-butylphthalate	80		75		40-140	6		50
Di-n-octylphthalate	81		75		40-140	8		50
Diethyl phthalate	74		69		40-140	7		50
Dimethyl phthalate	72		69		40-140	4		50
Benzo(a)anthracene	76		70		40-140	8		50
Benzo(a)pyrene	77		73		40-140	5		50
Benzo(b)fluoranthene	75		72		40-140	4		50
Benzo(k)fluoranthene	76		71		40-140	7		50
Chrysene	73		68		40-140	7		50
Acenaphthylene	72		69		40-140	4		50
Anthracene	75		72		40-140	4		50
Benzo(ghi)perylene	75		73		40-140	3		50
Fluorene	72		69		40-140	4		50
Phenanthrene	72		69		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
Dibenzo(a,h)anthracene	75		74		40-140	1		50
Indeno(1,2,3-cd)Pyrene	75		73		40-140	3		50
Pyrene	73		70		35-142	4		50
Biphenyl	72		72		54-104	0		50
Aniline	44		41		40-140	7		50
4-Chloroaniline	47		47		40-140	0		50
1-Methylnaphthalene	69		67		26-130	3		50
2-Nitroaniline	69		67		47-134	3		50
3-Nitroaniline	61		57		26-129	7		50
4-Nitroaniline	69		67		41-125	3		50
Dibenzofuran	71		67		40-140	6		50
2-Methylnaphthalene	70		68		40-140	3		50
1,2,4,5-Tetrachlorobenzene	72		70		40-117	3		50
Pentachloronitrobenzene	85		79		42-153	7		50
Acetophenone	74		71		14-144	4		50
n-Nitrosodimethylamine	66		65		22-100	2		50
2,4,6-Trichlorophenol	73		73		30-130	0		50
P-Chloro-M-Cresol	76		72		26-103	5		50
2-Chlorophenol	71		67		25-102	6		50
2,4-Dichlorophenol	73		71		30-130	3		50
2,4-Dimethylphenol	68		68		30-130	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								
2-Nitrophenol	63		62		30-130	2		50
4-Nitrophenol	73		72		11-114	1		50
2,4-Dinitrophenol	36		38		4-130	5		50
4,6-Dinitro-o-cresol	56		54		10-130	4		50
Pentachlorophenol	61		60		17-109	2		50
Phenol	70		68		26-90	3		50
2-Methylphenol	72		71		30-130.	1		50
3-Methylphenol/4-Methylphenol	73		71		30-130	3		50
2,4,5-Trichlorophenol	75		72		30-130	4		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	71		70		40-140	1		50
Carbazole	74		71		54-128	4		50
Pyridine	57		53		10-93	7		50
Parathion, ethyl	87		83		40-140	5		50
Atrazine	91		85		40-140	7		50
Benzaldehyde	66		64		40-140	3		50
Caprolactam	73		73		15-130	0		50
2,3,4,6-Tetrachlorophenol	68		66		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG962280-2 WG962280-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		25-120
Phenol-d6	77		75		10-120
Nitrobenzene-d5	72		70		23-120
2-Fluorobiphenyl	75		73		30-120
2,4,6-Tribromophenol	75		71		10-136
4-Terphenyl-d14	77		70		18-120

PCBS

Project Name: CPG YONKERS NY
Lab Number: L1640718
Project Number: Not Specified
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/20/16 22:26
Analyst: JW
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 04:09
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	2.70	1	A
Aroclor 1221	ND		ug/kg	34.2	3.16	1	A
Aroclor 1232	ND		ug/kg	34.2	4.01	1	A
Aroclor 1242	ND		ug/kg	34.2	4.19	1	A
Aroclor 1248	ND		ug/kg	34.2	2.89	1	A
Aroclor 1254	ND		ug/kg	34.2	2.82	1	A
Aroclor 1260	ND		ug/kg	34.2	2.61	1	A
Aroclor 1262	ND		ug/kg	34.2	1.70	1	A
Aroclor 1268	ND		ug/kg	34.2	4.97	1	A
PCBs, Total	ND		ug/kg	34.2	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/16 23:48
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/17/16 04:09
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG962219-1						
Aroclor 1016	ND		ug/kg	31.8	2.51	A
Aroclor 1221	ND		ug/kg	31.8	2.93	A
Aroclor 1232	ND		ug/kg	31.8	3.72	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	2.68	A
Aroclor 1254	ND		ug/kg	31.8	2.61	A
Aroclor 1260	ND		ug/kg	31.8	2.42	A
Aroclor 1262	ND		ug/kg	31.8	1.58	A
Aroclor 1268	ND		ug/kg	31.8	4.61	A
PCBs, Total	ND		ug/kg	31.8	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG962219-2 WG962219-3									
Aroclor 1016	65		81		40-140	22		50	A
Aroclor 1260	55		75		40-140	31		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		80		30-150	A
Decachlorobiphenyl	44		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		83		30-150	B
Decachlorobiphenyl	44		62		30-150	B

PESTICIDES

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/16 14:54
Analyst: AM
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.318	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	13.9	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/16 13:08
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG962212-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.637	0.285	A
Alpha-BHC	ND		ug/kg	0.637	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.580	A
Heptachlor	ND		ug/kg	0.764	0.343	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.87	0.860	A
Endrin	ND		ug/kg	0.637	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.669	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.955	0.478	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.511	A
Endosulfan sulfate	ND		ug/kg	0.637	0.303	A
Methoxychlor	ND		ug/kg	2.87	0.892	A
Toxaphene	ND		ug/kg	28.7	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.4	5.06	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/16 13:08
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/17/16 03:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/16

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG962212-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	65		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG962212-2 WG962212-3									
Delta-BHC	115		111		30-150	4		30	A
Lindane	116		111		30-150	4		30	A
Alpha-BHC	122		118		30-150	3		30	A
Beta-BHC	104		101		30-150	3		30	A
Heptachlor	86		81		30-150	6		30	A
Aldrin	113		109		30-150	4		30	A
Heptachlor epoxide	103		102		30-150	1		30	A
Endrin	102		100		30-150	2		30	A
Endrin aldehyde	70		69		30-150	1		30	A
Endrin ketone	80		80		30-150	0		30	A
Dieldrin	107		105		30-150	2		30	A
4,4'-DDE	109		106		30-150	3		30	A
4,4'-DDD	102		100		30-150	2		30	A
4,4'-DDT	98		96		30-150	2		30	A
Endosulfan I	97		95		30-150	2		30	A
Endosulfan II	104		102		30-150	2		30	A
Endosulfan sulfate	69		69		30-150	0		30	A
Methoxychlor	86		85		30-150	1		30	A
cis-Chlordane	96		92		30-150	4		30	A
trans-Chlordane	101		96		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG962212-2 WG962212-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		87		30-150	B
Decachlorobiphenyl	83		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	119		114		30-150	A
Decachlorobiphenyl	68		70		30-150	A

METALS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil
Percent Solids: 93%

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5700		mg/kg	8.4	2.3	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.2	0.32	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Arsenic, Total	1.2		mg/kg	0.84	0.18	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Barium, Total	28		mg/kg	0.84	0.15	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Beryllium, Total	0.13	J	mg/kg	0.42	0.03	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.84	0.08	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Calcium, Total	1100		mg/kg	8.4	3.0	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Chromium, Total	12		mg/kg	0.84	0.08	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Cobalt, Total	4.0		mg/kg	1.7	0.14	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Copper, Total	11		mg/kg	0.84	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Iron, Total	8800		mg/kg	4.2	0.76	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Lead, Total	3.6	J	mg/kg	4.2	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Magnesium, Total	1700		mg/kg	8.4	1.3	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Manganese, Total	240		mg/kg	0.84	0.13	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	12/15/16 07:30	12/17/16 18:24	EPA 7471B	1,7471B	BV
Nickel, Total	11		mg/kg	2.1	0.20	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Potassium, Total	340		mg/kg	210	12.	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.22	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.84	0.24	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Sodium, Total	930		mg/kg	170	2.6	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.26	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Vanadium, Total	14		mg/kg	0.84	0.17	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS
Zinc, Total	29		mg/kg	4.2	0.25	2	12/15/16 18:27	12/16/16 02:29	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG961376-1										
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	12/15/16 07:30	12/17/16 18:10	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG961722-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.07	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.11	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.06	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.8	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.11	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Sodium, Total	2.0	J	mg/kg	80	1.3	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.12	1	12/15/16 18:27	12/16/16 00:26	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961376-2 SRM Lot Number: D091-540								
Mercury, Total	81		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961722-2 SRM Lot Number: D091-540					
Aluminum, Total	70	-	52-148	-	
Antimony, Total	122	-	1-200	-	
Arsenic, Total	83	-	80-121	-	
Barium, Total	86	-	84-117	-	
Beryllium, Total	86	-	83-117	-	
Cadmium, Total	91	-	83-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	84	-	80-119	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	87	-	82-117	-	
Iron, Total	87	-	47-154	-	
Lead, Total	82	-	82-118	-	
Magnesium, Total	83	-	77-123	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	85	-	83-117	-	
Potassium, Total	83	-	72-128	-	
Selenium, Total	79	-	79-121	-	
Silver, Total	86	-	75-124	-	
Sodium, Total	90	-	73-126	-	
Thallium, Total	85	-	80-121	-	
Vanadium, Total	87	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG961722-2 SRM Lot Number: D091-540					
Zinc, Total	82	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961376-3 QC Sample: L1640554-01 Client ID: MS Sample												
Mercury, Total	0.04J	0.139	0.18	**129**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-3 QC Sample: L1640593-01 Client ID: MS Sample										
Aluminum, Total	5600	166	5500	**0**	Q	-	-	75-125	-	20
Antimony, Total	0.36J	41.6	33	79		-	-	75-125	-	20
Arsenic, Total	1.8	9.98	10	82		-	-	75-125	-	20
Barium, Total	37.	166	160	**74**	Q	-	-	75-125	-	20
Beryllium, Total	0.47	4.16	3.5	**73**	Q	-	-	75-125	-	20
Cadmium, Total	ND	4.24	3.5	82		-	-	75-125	-	20
Calcium, Total	1200	832	1800	**72**	Q	-	-	75-125	-	20
Chromium, Total	14.	16.6	27	78		-	-	75-125	-	20
Cobalt, Total	6.9	41.6	36	**70**	Q	-	-	75-125	-	20
Copper, Total	58.	20.8	32	**0**	Q	-	-	75-125	-	20
Iron, Total	13000	83.2	11000	**0**	Q	-	-	75-125	-	20
Lead, Total	54.	42.4	57	**7**	Q	-	-	75-125	-	20
Magnesium, Total	1400	832	2100	84		-	-	75-125	-	20
Manganese, Total	230	41.6	230	**0**	Q	-	-	75-125	-	20
Nickel, Total	12.	41.6	41	**70**	Q	-	-	75-125	-	20
Potassium, Total	630	832	1300	80		-	-	75-125	-	20
Selenium, Total	ND	9.98	8.1	81		-	-	75-125	-	20
Silver, Total	ND	24.9	21	84		-	-	75-125	-	20
Sodium, Total	98.J	832	760	91		-	-	75-125	-	20
Thallium, Total	ND	9.98	7.7	77		-	-	75-125	-	20
Vanadium, Total	19.	41.6	51	77		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-3 QC Sample: L1640593-01 Client ID: MS Sample										
Zinc, Total	510	41.6	61	**0**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961376-4 QC Sample: L1640554-01 Client ID: DUP Sample						
Mercury, Total	0.04J	0.03J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-4 QC Sample: L1640593-01 Client ID: DUP Sample						
Aluminum, Total	5600	5100	mg/kg	9		20
Antimony, Total	0.36J	ND	mg/kg	NC		20
Arsenic, Total	1.8	3.2	mg/kg	**56**	Q	20
Barium, Total	37.	30	mg/kg	**21**	Q	20
Beryllium, Total	0.47	0.15J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1200	2300	mg/kg	**63**	Q	20
Chromium, Total	14.	16	mg/kg	13		20
Cobalt, Total	6.9	4.9	mg/kg	**34**	Q	20
Copper, Total	58.	32	mg/kg	**58**	Q	20
Iron, Total	13000	22000	mg/kg	**51**	Q	20
Lead, Total	54.	42	mg/kg	**25**	Q	20
Magnesium, Total	1400	1500	mg/kg	7		20
Manganese, Total	230	250	mg/kg	8		20
Nickel, Total	12.	8.8	mg/kg	**31**	Q	20
Potassium, Total	630	530	mg/kg	17		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	98.J	52J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG961722-4 QC Sample: L1640593-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	19.	19	mg/kg	0		20
Zinc, Total	510	38	mg/kg	**172**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

SAMPLE RESULTS

Lab ID: L1640718-01
Client ID: B-9, 5-2, 2-4'
Sample Location: Not Specified
Matrix: Soil

Date Collected: 12/14/16 13:20
Date Received: 12/14/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	12/15/16 15:25	121,2540G	RI
Cyanide, Total	0.88	J	mg/kg	1.1	0.18	1	12/15/16 15:40	12/19/16 17:16	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG961636-1										
Cyanide, Total	ND		mg/kg	0.85	0.14	1	12/15/16 15:40	12/19/16 16:48	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1640718

Report Date: 12/22/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG961636-2 WG961636-3								
Cyanide, Total	119		104		80-120	22		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG961636-4 WG961636-5 QC Sample: L1640597-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	94		10	92		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG961578-1 QC Sample: L1640629-01 Client ID: DUP Sample						
Solids, Total	82.9	83.2	%	0		20

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1640718
Report Date: 12/22/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/15/2016 02:09

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1640718-01A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1640718-01D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1640718-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.8	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1640718-01F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG YONKERS NY	**Lab Number:**	L1640718
Project Number:	Not Specified	**Report Date:**	12/22/16

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG YONKERS NY	**Lab Number:**	L1640718
Project Number:	Not Specified	**Report Date:**	12/22/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1640718
Report Date: 12/22/16

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: ***EPA 3050B***

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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**.

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Date Rec'd in Lab 12/14/16

ALPHA Job # L1640718

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Yonkers NY
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other: NA

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn				Total Bottles	Sample Specific Comments
40718-01	B9, S-2, 2-4'	12/14/2016	1:30	S	TJM	✓	✓	✓	✓	✓					
Container Type						V	V	A	A	A					
Preservative						F		A	A	A					

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14/2016 15:50	AAL	12-14-16 15:50
	12-14-16 17:20		12-14-16 1800
	12-14-16 2310		12/14/16 2310

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.

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

ANALYTICAL REPORT

Lab Number:	L1641295
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG YONKERS NY
Project Number:	Not Specified
Report Date:	12/30/16

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), 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: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1641295-01	B-11, S2, 2-4'	SOIL	YONKERS, NY	12/19/16 14:40	12/19/16
L1641295-02	B-5, S1, 0-2'	SOIL	YONKERS, NY	12/19/16 15:00	12/19/16
L1641295-03	B-5, S6, 15-17'	SOIL	YONKERS, NY	12/19/16 15:20	12/19/16
L1641295-04	B-8, 2-6'	SOIL	YONKERS, NY	12/20/16 15:10	12/20/16
L1641295-05	B-7, S3, 4-6'	SOIL	YONKERS, NY	12/20/16 15:00	12/20/16
L1641295-06	B-6, S2, 2-4'	SOIL	YONKERS, NY	12/20/16 14:55	12/20/16
L1641295-07	B-4, S2, 2-4'	SOIL	YONKERS, NY	12/20/16 14:50	12/20/16
L1641295-08	B-3, S2, 2-4'	SOIL	YONKERS, NY	12/21/16 14:15	12/21/16
L1641295-09	B-1, S2, 2-4'	SOIL	YONKERS, NY	12/21/16 14:25	12/21/16
L1641295-10	B-2	SOIL	YONKERS, NY	12/21/16 14:35	12/21/16

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L1641295-01: The sample has elevated detection limits due to limited sample volume available for analysis.

PCBs

L1641295-01: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (344%,402%); however, the sample was not re-extracted due to coelution with Aroclor 1268. The results are not considered to be biased.

L1641295-09: The sample has elevated detection limits due to limited sample volume available for analysis.

Pesticides

The surrogate recoveries for L1641295-01 are outside the acceptance criteria for decachlorobiphenyl (217%,202%); however, the sample was not re-extracted due to coelution with obvious interferences.

Metals

L1641295-01, -02, -04 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution 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: Michelle M. Morris

Title: Technical Director/Representative Date: 12/30/16

ORGANICS

VOLATILES

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/16 16:55
Analyst: TE
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.61	J	ug/kg	1.3	0.16	1
Toluene	2.8		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.16	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01 Date Collected: 12/19/16 14:40

Client ID: B-11, S2, 2-4' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	1.1	J	ug/kg	2.6	0.47	1
o-Xylene	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	84		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1
Methyl Acetate	ND		ug/kg	26	0.36	1
Cyclohexane	ND		ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1
Methyl cyclohexane	0.72	J	ug/kg	5.3	0.20	1

Tentatively Identified Compounds				
Total TIC Compounds	51.5	J	ug/kg	1
Unknown	5.87	J	ug/kg	1
Unknown	2.71	J	ug/kg	1
Unknown	4.37	J	ug/kg	1
Butane, 2-Methyl-	15.7	NJ	ug/kg	1
Pentane	8.15	NJ	ug/kg	1
Unknown	4.52	J	ug/kg	1
Unknown	10.2	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/16 17:21
Analyst: TE
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	0.86	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.29	1
Carbon tetrachloride	ND		ug/kg	0.78	0.16	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.78	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	0.78	0.11	1
Chlorobenzene	ND		ug/kg	0.78	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.30	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.09	1
Bromodichloromethane	ND		ug/kg	0.78	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.09	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.08	1
Benzene	0.35	J	ug/kg	0.78	0.09	1
Toluene	1.8		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.78	0.10	1
Chloromethane	ND		ug/kg	3.9	0.23	1
Bromomethane	ND		ug/kg	1.6	0.26	1
Vinyl chloride	ND		ug/kg	1.6	0.09	1
Chloroethane	ND		ug/kg	1.6	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Trichloroethene	ND		ug/kg	0.78	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	0.11	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.07	1
p/m-Xylene	0.69	J	ug/kg	1.6	0.27	1
o-Xylene	ND		ug/kg	1.6	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.11	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.15	1
Acetone	82		ug/kg	7.8	0.80	1
Carbon disulfide	ND		ug/kg	7.8	0.86	1
2-Butanone	ND		ug/kg	7.8	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	0.19	1
2-Hexanone	ND		ug/kg	7.8	0.52	1
Bromochloromethane	ND		ug/kg	3.9	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	0.31	1
Isopropylbenzene	ND		ug/kg	0.78	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	0.14	1
Methyl Acetate	ND		ug/kg	16	0.21	1
Cyclohexane	ND		ug/kg	16	0.11	1
1,4-Dioxane	ND		ug/kg	78	11.	1
Freon-113	ND		ug/kg	16	0.21	1
Methyl cyclohexane	0.58	J	ug/kg	3.1	0.12	1

Tentatively Identified Compounds				
Total TIC Compounds	31.6	J	ug/kg	1
Unknown	6.01	J	ug/kg	1
Butane, 2-Methyl-	9.75	NJ	ug/kg	1
Unknown	3.45	J	ug/kg	1
Unknown	2.05	J	ug/kg	1
Unknown	5.18	J	ug/kg	1
Pentane	5.17	NJ	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 10:29
Analyst: MV
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	0.35	J	ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.86	J	ug/kg	1.0	0.12	1
Toluene	3.8		ug/kg	1.5	0.20	1
Ethylbenzene	0.55	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	1.8	J	ug/kg	2.0	0.35	1
o-Xylene	0.66	J	ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	ND		ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	2.3	J	ug/kg	20	0.15	1
1,4-Dioxane	ND		ug/kg	100	14.	1
Freon-113	ND		ug/kg	20	0.28	1
Methyl cyclohexane	1.9	J	ug/kg	4.0	0.16	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	92.6	J	ug/kg			1
Unknown	3.47	J	ug/kg			1
Butane, 2-Methyl-	29.1	NJ	ug/kg			1
Unknown	2.06	J	ug/kg			1
Unknown	2.96	J	ug/kg			1
Pentane, 2-methyl-	7.68	NJ	ug/kg			1
Unknown	7.16	J	ug/kg			1
Unknown	18.2	J	ug/kg			1
Cyclopentane, Methyl-	2.65	NJ	ug/kg			1
Pentane	15.7	NJ	ug/kg			1
n-Hexane	3.61	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 10:57
Analyst: MV
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.36	J	ug/kg	1.0	0.12	1
Toluene	1.5	J	ug/kg	1.6	0.20	1
Ethylbenzene	0.21	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.2	0.31	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	0.68	J	ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.20	1
Acetone	ND		ug/kg	10	1.1	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.2	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl Acetate	ND		ug/kg	21	0.28	1
Cyclohexane	0.52	J	ug/kg	21	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	21	0.29	1
Methyl cyclohexane	0.38	J	ug/kg	4.2	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	12.8	J	ug/kg	1
Butane, 2-Methyl-	6.19	NJ	ug/kg	1
Unknown	3.34	J	ug/kg	1
Pentane	3.26	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 11:25
Analyst: MV
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.28	J	ug/kg	1.1	0.13	1
Toluene	1.1	J	ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	0.41	J	ug/kg	2.2	0.40	1
o-Xylene	ND		ug/kg	2.2	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	24		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	0.29	J	ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.31	1
Methyl cyclohexane	0.24	J	ug/kg	4.5	0.17	1

Tentatively Identified Compounds				
Total TIC Compounds	3.56	J	ug/kg	1
Butane, 2-Methyl-	3.56	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 11:53
Analyst: MV
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	0.24	J	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.52	J	ug/kg	1.1	0.13	1
Toluene	2.4		ug/kg	1.6	0.21	1
Ethylbenzene	0.36	J	ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07 Date Collected: 12/20/16 14:50

Client ID: B-4, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	1.2	J	ug/kg	2.2	0.39	1
o-Xylene	0.47	J	ug/kg	2.2	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	1.0	J	ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	0.85	J	ug/kg	4.4	0.17	1

Tentatively Identified Compounds				
Total TIC Compounds	22.9	J	ug/kg	1
Pentane, 2-methyl-	3.49	NJ	ug/kg	1
Butane, 2-Methyl-	13.1	NJ	ug/kg	1
Unknown	6.35	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 12:21
Analyst: MV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	0.28	J	ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.10	1
Benzene	0.71	J	ug/kg	0.98	0.12	1
Toluene	2.4		ug/kg	1.5	0.19	1
Ethylbenzene	0.32	J	ug/kg	0.98	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 Date Collected: 12/21/16 14:15

Client ID: B-3, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	1.1	J	ug/kg	2.0	0.34	1
o-Xylene	0.39	J	ug/kg	2.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.14	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.19	1
Acetone	12		ug/kg	9.8	1.0	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
2-Hexanone	ND		ug/kg	9.8	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Isopropylbenzene	ND		ug/kg	0.98	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl Acetate	ND		ug/kg	20	0.26	1
Cyclohexane	0.99	J	ug/kg	20	0.14	1
1,4-Dioxane	ND		ug/kg	98	14.	1
Freon-113	ND		ug/kg	20	0.27	1
Methyl cyclohexane	0.81	J	ug/kg	3.9	0.15	1

Tentatively Identified Compounds				
Total TIC Compounds	34.5	J	ug/kg	1
Butane, 2-Methyl-	14.2	NJ	ug/kg	1
Pentane, 2-methyl-	3.93	NJ	ug/kg	1
Unknown	2.16	J	ug/kg	1
Pentane	7.66	NJ	ug/kg	1
Unknown	6.55	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 12:48
Analyst: MV
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	0.35	J	ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	0.50	J	ug/kg	1.0	0.12	1
Toluene	3.0		ug/kg	1.6	0.20	1
Ethylbenzene	0.36	J	ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.2	0.30	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09 Date Collected: 12/21/16 14:25

Client ID: B-1, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	1.2	J	ug/kg	2.1	0.36	1
o-Xylene	0.44	J	ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.20	1
Acetone	52		ug/kg	10	1.1	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.69	1
Bromochloromethane	ND		ug/kg	5.2	0.29	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl Acetate	ND		ug/kg	21	0.28	1
Cyclohexane	0.84	J	ug/kg	21	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	21	0.28	1
Methyl cyclohexane	0.64	J	ug/kg	4.1	0.16	1

Tentatively Identified Compounds				
Total TIC Compounds	30.0	J	ug/kg	1
Pentane, 2-methyl-	3.74	NJ	ug/kg	1
Unknown	2.20	J	ug/kg	1
Butane, 2-Methyl-	11.0	NJ	ug/kg	1
Unknown	4.92	J	ug/kg	1
Pentane	5.80	NJ	ug/kg	1
Unknown	2.38	J	ug/kg	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	103		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/27/16 13:16
Analyst: MV
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.5	0.94	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.31	1
Carbon tetrachloride	ND		ug/kg	0.85	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.19	1
Dibromochloromethane	ND		ug/kg	0.85	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	0.14	J	ug/kg	0.85	0.12	1
Chlorobenzene	ND		ug/kg	0.85	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.09	1
Bromodichloromethane	ND		ug/kg	0.85	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.10	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.09	1
Benzene	0.25	J	ug/kg	0.85	0.10	1
Toluene	0.65	J	ug/kg	1.3	0.16	1
Ethylbenzene	0.11	J	ug/kg	0.85	0.11	1
Chloromethane	ND		ug/kg	4.2	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.85	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.12	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	0.33	J	ug/kg	1.7	0.30	1
o-Xylene	ND		ug/kg	1.7	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.12	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.16	1
Acetone	86		ug/kg	8.5	0.88	1
Carbon disulfide	ND		ug/kg	8.5	0.94	1
2-Butanone	ND		ug/kg	8.5	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	0.21	1
2-Hexanone	ND		ug/kg	8.5	0.56	1
Bromochloromethane	ND		ug/kg	4.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.34	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.15	1
Methyl Acetate	ND		ug/kg	17	0.23	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	85	12.	1
Freon-113	ND		ug/kg	17	0.23	1
Methyl cyclohexane	ND		ug/kg	3.4	0.13	1

Tentatively Identified Compounds				
Total TIC Compounds	7.29	J	ug/kg	1
Unknown	2.20	J	ug/kg	1
Unknown	5.09	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/16 09:12
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG963936-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					
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
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
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
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

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	2.5	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/16 09:34
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-10 Batch: WG964869-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Methylene chloride	88		88		70-130	0		30
1,1-Dichloroethane	92		90		70-130	2		30
Chloroform	99		100		70-130	1		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	84		85		70-130	1		30
Dibromochloromethane	88		92		70-130	4		30
2-Chloroethylvinyl ether	75		78		70-130	4		30
1,1,2-Trichloroethane	100		104		70-130	4		30
Tetrachloroethene	115		114		70-130	1		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	134		124		70-139	8		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	102		100		70-130	2		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	88		89		70-130	1		30
cis-1,3-Dichloropropene	80		81		70-130	1		30
1,1-Dichloropropene	96		94		70-130	2		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	99		100		70-130	1		30
Benzene	93		92		70-130	1		30
Toluene	103		101		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Ethylbenzene	103		102		70-130	1		30
Chloromethane	81		73		52-130	10		30
Bromomethane	96		90		57-147	6		30
Vinyl chloride	87		80		67-130	8		30
Chloroethane	93		89		50-151	4		30
1,1-Dichloroethene	103		96		65-135	7		30
trans-1,2-Dichloroethene	99		94		70-130	5		30
Trichloroethene	100		99		70-130	1		30
1,2-Dichlorobenzene	109		110		70-130	1		30
1,3-Dichlorobenzene	111		110		70-130	1		30
1,4-Dichlorobenzene	112		112		70-130	0		30
Methyl tert butyl ether	84		84		66-130	0		30
p/m-Xylene	99		100		70-130	1		30
o-Xylene	96		98		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Dibromomethane	93		95		70-130	2		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	85		76		30-146	11		30
Acetone	89		86		54-140	3		30
Carbon disulfide	89		83		59-130	7		30
2-Butanone	85		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Vinyl acetate	76		78		70-130	3		30
4-Methyl-2-pentanone	70		74		70-130	6		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	**68**	Q	**68**	Q	70-130	0		30
Bromochloromethane	94		94		70-130	0		30
2,2-Dichloropropane	92		90		70-130	2		30
1,2-Dibromoethane	97		100		70-130	3		30
1,3-Dichloropropane	98		102		69-130	4		30
1,1,1,2-Tetrachloroethane	98		101		70-130	3		30
Bromobenzene	112		112		70-130	0		30
n-Butylbenzene	112		108		70-130	4		30
sec-Butylbenzene	109		107		70-130	2		30
tert-Butylbenzene	106		104		70-130	2		30
o-Chlorotoluene	106		105		70-130	1		30
p-Chlorotoluene	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	76		79		68-130	4		30
Hexachlorobutadiene	**131**	Q	128		67-130	2		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	92		94		70-130	2		30
Acrylonitrile	80		75		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Isopropyl Ether	83		82		66-130	1		30
tert-Butyl Alcohol	**63**	Q	**65**	Q	70-130	3		30
n-Propylbenzene	108		106		70-130	2		30
1,2,3-Trichlorobenzene	107		108		70-130	1		30
1,2,4-Trichlorobenzene	109		111		70-130	2		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
Methyl Acetate	79		78		51-146	1		30
Ethyl Acetate	78		79		70-130	1		30
Acrolein	82		80		70-130	2		30
Cyclohexane	94		88		59-142	7		30
1,4-Dioxane	79		81		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	119		110		50-139	8		30
p-Diethylbenzene	103		102		70-130	1		30
p-Ethyltoluene	106		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		98		70-130	0		30
Tetrahydrofuran	79		87		66-130	10		30
Ethyl ether	86		85		67-130	1		30
trans-1,4-Dichloro-2-butene	89		89		70-130	0		30
Methyl cyclohexane	98		94		70-130	4		30
Ethyl-Tert-Butyl-Ether	79		79		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG963936-3 WG963936-4								
Tertiary-Amyl Methyl Ether	77		78		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
Methylene chloride	88		86		70-130	2		30
1,1-Dichloroethane	85		79		70-130	7		30
Chloroform	92		87		70-130	6		30
Carbon tetrachloride	99		88		70-130	12		30
1,2-Dichloropropane	84		82		70-130	2		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	112		103		70-130	8		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	102		84		70-139	19		30
1,2-Dichloroethane	93		90		70-130	3		30
1,1,1-Trichloroethane	99		89		70-130	11		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	81		79		70-130	3		30
cis-1,3-Dichloropropene	82		79		70-130	4		30
1,1-Dichloropropene	89		79		70-130	12		30
Bromoform	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	80		78		70-130	3		30
Benzene	88		83		70-130	6		30
Toluene	91		86		70-130	6		30
Ethylbenzene	93		88		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
Chloromethane	106		101		52-130	5		30
Bromomethane	104		93		57-147	11		30
Vinyl chloride	87		76		67-130	13		30
Chloroethane	87		78		50-151	11		30
1,1-Dichloroethene	95		82		65-135	15		30
trans-1,2-Dichloroethene	95		86		70-130	10		30
Trichloroethene	97		91		70-130	6		30
1,2-Dichlorobenzene	102		99		70-130	3		30
1,3-Dichlorobenzene	103		98		70-130	5		30
1,4-Dichlorobenzene	103		98		70-130	5		30
Methyl tert butyl ether	**54**	Q	**52**	Q	66-130	4		30
p/m-Xylene	97		92		70-130	5		30
o-Xylene	96		93		70-130	3		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
Dibromomethane	93		93		70-130	0		30
Styrene	93		90		70-130	3		30
Dichlorodifluoromethane	101		83		30-146	20		30
Acetone	116		106		54-140	9		30
Carbon disulfide	74		64		59-130	14		30
2-Butanone	94		88		70-130	7		30
Vinyl acetate	88		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
4-Methyl-2-pentanone	72		72		70-130	0		30
1,2,3-Trichloropropane	75		76		68-130	1		30
2-Hexanone	71		71		70-130	0		30
Bromochloromethane	105		103		70-130	2		30
2,2-Dichloropropane	86		77		70-130	11		30
1,2-Dibromoethane	94		94		70-130	0		30
1,3-Dichloropropane	82		82		69-130	0		30
1,1,1,2-Tetrachloroethane	99		96		70-130	3		30
Bromobenzene	97		95		70-130	2		30
n-Butylbenzene	89		82		70-130	8		30
sec-Butylbenzene	89		81		70-130	9		30
tert-Butylbenzene	92		84		70-130	9		30
o-Chlorotoluene	82		77		70-130	6		30
p-Chlorotoluene	85		81		70-130	5		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	109		101		67-130	8		30
Isopropylbenzene	86		79		70-130	8		30
p-Isopropyltoluene	92		86		70-130	7		30
Naphthalene	87		89		70-130	2		30
Acrylonitrile	82		78		70-130	5		30
Isopropyl Ether	89		86		66-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								
tert-Butyl Alcohol	**59**	Q	**57**	Q	70-130	3		30
n-Propylbenzene	86		79		70-130	8		30
1,2,3-Trichlorobenzene	100		100		70-130	0		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	86		81		70-130	6		30
1,2,4-Trimethylbenzene	86		82		70-130	5		30
Methyl Acetate	88		86		51-146	2		30
Ethyl Acetate	92		90		70-130	2		30
Acrolein	106		73		70-130	**37**	Q	30
Cyclohexane	88		74		59-142	17		30
1,4-Dioxane	74		86		65-136	15		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		80		50-139	21		30
p-Diethylbenzene	92		86		70-130	7		30
p-Ethyltoluene	87		81		70-130	7		30
1,2,4,5-Tetramethylbenzene	86		83		70-130	4		30
Tetrahydrofuran	92		91		66-130	1		30
Ethyl ether	79		76		67-130	4		30
trans-1,4-Dichloro-2-butene	71		71		70-130	0		30
Methyl cyclohexane	93		78		70-130	18		30
Ethyl-Tert-Butyl-Ether	**63**	Q	**61**	Q	70-130	3		30
Tertiary-Amyl Methyl Ether	**61**	Q	**58**	Q	70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-10 Batch: WG964869-3 WG964869-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	83		82		70-130
Dibromofluoromethane	102		103		70-130

SEMIVOLATILES

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:06
Analyst: KV
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	570		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	300		ug/kg	130	25.	1
Benzo(a)pyrene	330		ug/kg	180	54.	1
Benzo(b)fluoranthene	440		ug/kg	130	38.	1
Benzo(k)fluoranthene	130		ug/kg	130	36.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01 Date Collected: 12/19/16 14:40

Client ID: B-11, S2, 2-4' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	330		ug/kg	130	23.	1
Acenaphthylene	57	J	ug/kg	180	34.	1
Anthracene	100	J	ug/kg	130	44.	1
Benzo(ghi)perylene	320		ug/kg	180	26.	1
Fluorene	48	J	ug/kg	220	22.	1
Phenanthrene	410		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	180	31.	1
Pyrene	520		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Organic Acid	458	J	ug/kg			1
Unknown	183	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	32		10-136
4-Terphenyl-d14	46		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:32
Analyst: KV
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	94	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	48	J	ug/kg	110	22.	1
Benzo(a)pyrene	54	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	65	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02 Date Collected: 12/19/16 15:00

Client ID: B-5, S1, 0-2' Date Received: 12/19/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	49	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	33	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	55	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	150	27.	1
Pyrene	82	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	53		18-120

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 02:58
Analyst: KV
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	30	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04 Date Collected: 12/20/16 15:10

Client ID: B-8, 2-6' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	27	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	24	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	228	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown	266	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	43		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 03:23
Analyst: KV
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	45	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	530		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	39	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	230		ug/kg	150	45.	1
Benzo(b)fluoranthene	280		ug/kg	110	31.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05 Date Collected: 12/20/16 15:00

Client ID: B-7, S3, 4-6' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	91	J	ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	38	J	ug/kg	190	18.	1
Phenanthrene	500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	39	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	510		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	48		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 03:49
Analyst: KV
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	38	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	300		ug/kg	110	21.	1
Benzo(a)pyrene	320		ug/kg	150	45.	1
Benzo(b)fluoranthene	400		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	29.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06 Date Collected: 12/20/16 14:55

Client ID: B-6, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	330		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	28.	1
Anthracene	73	J	ug/kg	110	36.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	62	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	150	26.	1
Pyrene	490		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown PAH	249	J	ug/kg			1
Unknown	150	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	54		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 04:15
Analyst: KV
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07 Date Collected: 12/20/16 14:50

Client ID: B-4, S2, 2-4' Date Received: 12/20/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	53		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 04:41
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	720		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	81000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	43	J	ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2400		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	43000	E	ug/kg	110	21.	1
Benzo(a)pyrene	41000	E	ug/kg	150	46.	1
Benzo(b)fluoranthene	53000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	9700	E	ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 Date Collected: 12/21/16 14:15

Client ID: B-3, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	33000	E	ug/kg	110	20.	1
Acenaphthylene	7200		ug/kg	150	29.	1
Anthracene	16000	E	ug/kg	110	37.	1
Benzo(ghi)perylene	19000	E	ug/kg	150	22.	1
Fluorene	3000		ug/kg	190	18.	1
Phenanthrene	38000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	5300		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	24000	E	ug/kg	150	26.	1
Pyrene	70000	E	ug/kg	110	19.	1
Biphenyl	190	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	3100		ug/kg	190	18.	1
2-Methylnaphthalene	560		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	570		ug/kg	190	28.	1
2-Methylphenol	140	J	ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	580		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	2300		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	3580	J	ug/kg			1
Unknown PAH	482	J	ug/kg			1
Unknown PAH	273	J	ug/kg			1
Unknown	208	J	ug/kg			1
Unknown Thiophene	217	J	ug/kg			1
Unknown Naphthalene	874	J	ug/kg			1
Unknown PAH	226	J	ug/kg			1
Unknown Naphthalene	1070	J	ug/kg			1
Unknown PAH	210	J	ug/kg			1
Unknown PAH	203	J	ug/kg			1
Unknown PAH	3040	J	ug/kg			1
Unknown PAH	194	J	ug/kg			1
Unknown PAH	285	J	ug/kg			1
Unknown PAH	370	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown Naphthalene	264	J	ug/kg			1
Unknown PAH	1510	J	ug/kg			1
Unknown	183	J	ug/kg			1
Unknown	489	J	ug/kg			1
Unknown Naphthalene	1170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	61		18-120

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08 D
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 09:28
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	110000		ug/kg	2200	430	20
Benzo(a)anthracene	54000		ug/kg	2200	420	20
Benzo(a)pyrene	46000		ug/kg	3000	920	20
Benzo(b)fluoranthene	56000		ug/kg	2200	630	20
Benzo(k)fluoranthene	14000		ug/kg	2200	600	20
Chrysene	44000		ug/kg	2200	390	20
Anthracene	20000		ug/kg	2200	730	20
Benzo(ghi)perylene	24000		ug/kg	3000	440	20
Phenanthrene	50000		ug/kg	2200	460	20
Indeno(1,2,3-cd)pyrene	28000		ug/kg	3000	520	20
Pyrene	92000		ug/kg	2200	370	20

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 05:06
Analyst: KV
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	880		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	38	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	470		ug/kg	110	21.	1
Benzo(a)pyrene	430		ug/kg	150	46.	1
Benzo(b)fluoranthene	490		ug/kg	110	32.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09 Date Collected: 12/21/16 14:25

Client ID: B-1, S2, 2-4' Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	450		ug/kg	110	20.	1
Acenaphthylene	58	J	ug/kg	150	29.	1
Anthracene	270		ug/kg	110	37.	1
Benzo(ghi)perylene	210		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	18.	1
Phenanthrene	850		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	26.	1
Pyrene	860		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	30	J	ug/kg	190	18.	1
2-Methylnaphthalene	48	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown PAH	160	J	ug/kg			1
Unknown PAH	227	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	282	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	50		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/16 05:32
Analyst: KV
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	120		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	64	J	ug/kg	110	21.	1
Benzo(a)pyrene	76	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	80	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	35	J	ug/kg	110	29.	1

Project Name: CPG YONKERS NY **Lab Number:** L1641295

Project Number: Not Specified **Report Date:** 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10 Date Collected: 12/21/16 14:35

Client ID: B-2 Date Received: 12/21/16

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	61	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	51	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	60	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	46	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	81		18-120

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/16 00:28
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 12/24/16 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964612-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	62		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Acenaphthene	70		63		31-137	11		50
Benzidine	14		11		10-66	24		50
1,2,4-Trichlorobenzene	72		66		38-107	9		50
Hexachlorobenzene	72		64		40-140	12		50
Bis(2-chloroethyl)ether	73		66		40-140	10		50
2-Chloronaphthalene	73		65		40-140	12		50
1,2-Dichlorobenzene	68		63		40-140	8		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	66		62		28-104	6		50
3,3'-Dichlorobenzidine	50		46		40-140	8		50
2,4-Dinitrotoluene	78		71		40-132	9		50
2,6-Dinitrotoluene	81		74		40-140	9		50
Azobenzene	73		66		40-140	10		50
Fluoranthene	72		64		40-140	12		50
4-Chlorophenyl phenyl ether	73		64		40-140	13		50
4-Bromophenyl phenyl ether	72		65		40-140	10		50
Bis(2-chloroisopropyl)ether	70		65		40-140	7		50
Bis(2-chloroethoxy)methane	75		70		40-117	7		50
Hexachlorobutadiene	69		63		40-140	9		50
Hexachlorocyclopentadiene	68		61		40-140	11		50
Hexachloroethane	68		62		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Isophorone	73		68		40-140	7		50
Naphthalene	69		62		40-140	11		50
Nitrobenzene	77		70		40-140	10		50
NDPA/DPA	73		65		36-157	12		50
n-Nitrosodi-n-propylamine	75		70		32-121	7		50
Bis(2-ethylhexyl)phthalate	82		72		40-140	13		50
Butyl benzyl phthalate	80		70		40-140	13		50
Di-n-butylphthalate	76		66		40-140	14		50
Di-n-octylphthalate	85		74		40-140	14		50
Diethyl phthalate	74		65		40-140	13		50
Dimethyl phthalate	72		66		40-140	9		50
Benzo(a)anthracene	72		63		40-140	13		50
Benzo(a)pyrene	73		65		40-140	12		50
Benzo(b)fluoranthene	72		65		40-140	10		50
Benzo(k)fluoranthene	72		63		40-140	13		50
Chrysene	71		62		40-140	14		50
Acenaphthylene	73		64		40-140	13		50
Anthracene	73		63		40-140	15		50
Benzo(ghi)perylene	72		60		40-140	18		50
Fluorene	72		65		40-140	10		50
Phenanthrene	73		63		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
Dibenzo(a,h)anthracene	69		59		40-140	16		50
Indeno(1,2,3-cd)pyrene	72		61		40-140	17		50
Pyrene	72		62		35-142	15		50
Biphenyl	76		69		54-104	10		50
4-Chloroaniline	**36**	Q	52		40-140	36		50
1-Methylnaphthalene	73		64		26-130	13		50
2-Nitroaniline	76		68		47-134	11		50
3-Nitroaniline	55		51		26-129	8		50
4-Nitroaniline	70		61		41-125	14		50
Dibenzofuran	70		62		40-140	12		50
2-Methylnaphthalene	71		64		40-140	10		50
1,2,4,5-Tetrachlorobenzene	75		67		40-117	11		50
Acetophenone	86		77		14-144	11		50
n-Nitrosodimethylamine	67		60		22-100	11		50
2,4,6-Trichlorophenol	84		74		30-130	13		50
p-Chloro-m-cresol	85		76		26-103	11		50
2-Chlorophenol	77		71		25-102	8		50
2,4-Dichlorophenol	85		77		30-130	10		50
2,4-Dimethylphenol	78		71		30-130	9		50
2-Nitrophenol	78		74		30-130	5		50
4-Nitrophenol	81		69		11-114	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								
2,4-Dinitrophenol	56		46		4-130	20		50
4,6-Dinitro-o-cresol	69		64		10-130	8		50
Pentachlorophenol	58		53		17-109	9		50
Phenol	76		68		26-90	11		50
2-Methylphenol	82		75		30-130.	9		50
3-Methylphenol/4-Methylphenol	84		75		30-130	11		50
2,4,5-Trichlorophenol	79		71		30-130	11		50
Benzoic Acid	23		22		10-110	4		50
Benzyl Alcohol	85		77		40-140	10		50
Carbazole	73		64		54-128	13		50
Parathion, ethyl	95		85		40-140	11		50
Atrazine	96		85		40-140	12		50
Benzaldehyde	72		68		40-140	6		50
Caprolactam	87		77		15-130	12		50
2,3,4,6-Tetrachlorophenol	74		66		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964612-2 WG964612-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		72		25-120
Phenol-d6	82		76		10-120
Nitrobenzene-d5	76		70		23-120
2-Fluorobiphenyl	71		65		30-120
2,4,6-Tribromophenol	73		64		10-136
4-Terphenyl-d14	69		62		18-120

PCBS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 18:49
Analyst: AF
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 13:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	2.96	1	A
Aroclor 1221	ND		ug/kg	37.5	3.45	1	A
Aroclor 1232	ND		ug/kg	37.5	4.39	1	A
Aroclor 1242	ND		ug/kg	37.5	4.59	1	A
Aroclor 1248	ND		ug/kg	37.5	3.16	1	A
Aroclor 1254	ND		ug/kg	37.5	3.08	1	A
Aroclor 1260	ND		ug/kg	37.5	2.86	1	A
Aroclor 1262	ND		ug/kg	37.5	1.86	1	A
Aroclor 1268	238		ug/kg	37.5	5.43	1	B
PCBs, Total	238		ug/kg	37.5	5.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	**344**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	**402**	Q	30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-02	Date Collected:	12/19/16 15:00
Client ID:	B-5, S1, 0-2'	Date Received:	12/19/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:03	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	2.95	1	A
Aroclor 1221	ND		ug/kg	37.4	3.44	1	A
Aroclor 1232	ND		ug/kg	37.4	4.38	1	A
Aroclor 1242	ND		ug/kg	37.4	4.57	1	A
Aroclor 1248	ND		ug/kg	37.4	3.15	1	A
Aroclor 1254	ND		ug/kg	37.4	3.07	1	A
Aroclor 1260	ND		ug/kg	37.4	2.85	1	A
Aroclor 1262	ND		ug/kg	37.4	1.85	1	A
Aroclor 1268	ND		ug/kg	37.4	5.42	1	A
PCBs, Total	ND		ug/kg	37.4	1.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 19:17
Analyst: AF
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	2.81	1	A
Aroclor 1221	ND		ug/kg	35.6	3.28	1	A
Aroclor 1232	ND		ug/kg	35.6	4.18	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	3.01	1	A
Aroclor 1254	ND		ug/kg	35.6	2.93	1	A
Aroclor 1260	ND		ug/kg	35.6	2.72	1	A
Aroclor 1262	ND		ug/kg	35.6	1.77	1	A
Aroclor 1268	ND		ug/kg	35.6	5.17	1	A
PCBs, Total	ND		ug/kg	35.6	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-05	Date Collected:	12/20/16 15:00
Client ID:	B-7, S3, 4-6'	Date Received:	12/20/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:30	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	2.97	1	A
Aroclor 1221	ND		ug/kg	37.6	3.47	1	A
Aroclor 1232	ND		ug/kg	37.6	4.41	1	A
Aroclor 1242	ND		ug/kg	37.6	4.60	1	A
Aroclor 1248	ND		ug/kg	37.6	3.17	1	A
Aroclor 1254	ND		ug/kg	37.6	3.09	1	A
Aroclor 1260	16.4	J	ug/kg	37.6	2.86	1	A
Aroclor 1262	ND		ug/kg	37.6	1.86	1	A
Aroclor 1268	ND		ug/kg	37.6	5.45	1	A
PCBs, Total	16.4	J	ug/kg	37.6	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 19:44
Analyst: AF
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	2.93	1	A
Aroclor 1221	ND		ug/kg	37.1	3.42	1	A
Aroclor 1232	ND		ug/kg	37.1	4.35	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	3.13	1	A
Aroclor 1254	ND		ug/kg	37.1	3.05	1	A
Aroclor 1260	5.36	J	ug/kg	37.1	2.83	1	A
Aroclor 1262	ND		ug/kg	37.1	1.84	1	A
Aroclor 1268	ND		ug/kg	37.1	5.38	1	A
PCBs, Total	5.36	J	ug/kg	37.1	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-07	Date Collected:	12/20/16 14:50
Client ID:	B-4, S2, 2-4'	Date Received:	12/20/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 19:58	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.06	1	A
Aroclor 1221	ND		ug/kg	38.7	3.57	1	A
Aroclor 1232	ND		ug/kg	38.7	4.54	1	A
Aroclor 1242	ND		ug/kg	38.7	4.74	1	A
Aroclor 1248	ND		ug/kg	38.7	3.27	1	A
Aroclor 1254	ND		ug/kg	38.7	3.18	1	A
Aroclor 1260	ND		ug/kg	38.7	2.95	1	A
Aroclor 1262	ND		ug/kg	38.7	1.92	1	A
Aroclor 1268	ND		ug/kg	38.7	5.62	1	A
PCBs, Total	ND		ug/kg	38.7	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID:	L1641295-08	Date Collected:	12/21/16 14:15
Client ID:	B-3, S2, 2-4'	Date Received:	12/21/16
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/29/16 11:10
Analytical Date:	12/29/16 20:12	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	12/29/16
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	2.94	1	A
Aroclor 1221	ND		ug/kg	37.2	3.43	1	A
Aroclor 1232	ND		ug/kg	37.2	4.36	1	A
Aroclor 1242	ND		ug/kg	37.2	4.55	1	A
Aroclor 1248	ND		ug/kg	37.2	3.14	1	A
Aroclor 1254	ND		ug/kg	37.2	3.06	1	A
Aroclor 1260	15.6	J	ug/kg	37.2	2.84	1	A
Aroclor 1262	ND		ug/kg	37.2	1.84	1	A
Aroclor 1268	ND		ug/kg	37.2	5.40	1	A
PCBs, Total	15.6	J	ug/kg	37.2	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 20:25
Analyst: AF
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.2	5.23	1	A
Aroclor 1221	ND		ug/kg	66.2	6.10	1	A
Aroclor 1232	ND		ug/kg	66.2	7.76	1	A
Aroclor 1242	ND		ug/kg	66.2	8.10	1	A
Aroclor 1248	ND		ug/kg	66.2	5.59	1	A
Aroclor 1254	ND		ug/kg	66.2	5.44	1	A
Aroclor 1260	ND		ug/kg	66.2	5.04	1	A
Aroclor 1262	ND		ug/kg	66.2	3.28	1	A
Aroclor 1268	ND		ug/kg	66.2	9.60	1	A
PCBs, Total	ND		ug/kg	66.2	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/29/16 20:39
Analyst: AF
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	ND		ug/kg	37.0	3.04	1	A
Aroclor 1260	ND		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.36	1	A
PCBs, Total	ND		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/29/16 21:07
Analyst: AF

Extraction Method: EPA 3546
Extraction Date: 12/29/16 11:10
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG965624-1						
Aroclor 1016	ND		ug/kg	32.2	2.55	A
Aroclor 1221	ND		ug/kg	32.2	2.97	A
Aroclor 1232	ND		ug/kg	32.2	3.78	A
Aroclor 1242	ND		ug/kg	32.2	3.94	A
Aroclor 1248	ND		ug/kg	32.2	2.72	A
Aroclor 1254	ND		ug/kg	32.2	2.65	A
Aroclor 1260	ND		ug/kg	32.2	2.46	A
Aroclor 1262	ND		ug/kg	32.2	1.60	A
Aroclor 1268	ND		ug/kg	32.2	4.67	A
PCBs, Total	ND		ug/kg	32.2	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG965624-2 WG965624-3									
Aroclor 1016	75		72		40-140	4		50	A
Aroclor 1260	48		45		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		84		30-150	A
Decachlorobiphenyl	53		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		89		30-150	B
Decachlorobiphenyl	67		58		30-150	B

PESTICIDES

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:21
Analyst: RL
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND	PI	ug/kg	1.13	0.563	1	B
4,4'-DDE	16.2		ug/kg	1.80	0.417	1	B
4,4'-DDD	5.50		ug/kg	1.80	0.643	1	B
4,4'-DDT	134		ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	**202**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	**217**	Q	30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:33
Analyst: RL
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	1.01	J	ug/kg	1.16	0.578	1	A
4,4'-DDE	1.50	J	ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	3.56	P	ug/kg	3.47	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	33		30-150	B
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:46
Analyst: RL
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.997	1	A
Toxaphene	ND		ug/kg	32.0	8.97	1	A
cis-Chlordane	ND		ug/kg	2.14	0.595	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	13.9	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 12:59
Analyst: RL
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.573	1	A
4,4'-DDE	ND		ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	2.66	J	ug/kg	3.44	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	14.9	6.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:11
Analyst: RL
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:24
Analyst: RL
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.0	6.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:36
Analyst: RL
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	**181**	Q	30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 13:49
Analyst: RL
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	3.30	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.3	5.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: CPG YONKERS NY
Lab Number: L1641295
Project Number: Not Specified
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/16 14:02
Analyst: RL
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.619	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/16 11:43
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964591-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.629	0.281	A
Alpha-BHC	ND		ug/kg	0.629	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.755	0.338	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.629	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.629	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.881	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.498	A
Chlordane	ND		ug/kg	12.3	5.00	A

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/16 11:43
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 12/24/16 10:29
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/16

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-10 Batch: WG964591-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	93		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964591-2 WG964591-3									
Delta-BHC	109		112		30-150	3		30	A
Lindane	112		115		30-150	3		30	A
Alpha-BHC	120		126		30-150	5		30	A
Beta-BHC	123		117		30-150	5		30	A
Heptachlor	123		124		30-150	1		30	A
Aldrin	129		133		30-150	3		30	A
Heptachlor epoxide	121		124		30-150	2		30	A
Endrin	121		124		30-150	2		30	A
Endrin aldehyde	97		101		30-150	4		30	A
Endrin ketone	117		123		30-150	5		30	A
Dieldrin	131		134		30-150	2		30	A
4,4'-DDE	126		127		30-150	1		30	A
4,4'-DDD	124		127		30-150	2		30	A
4,4'-DDT	126		128		30-150	2		30	A
Endosulfan I	126		127		30-150	1		30	A
Endosulfan II	119		122		30-150	2		30	A
Endosulfan sulfate	97		107		30-150	10		30	A
Methoxychlor	126		131		30-150	4		30	A
cis-Chlordane	113		117		30-150	3		30	A
trans-Chlordane	104		110		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG964591-2 WG964591-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		108		30-150	B
Decachlorobiphenyl	101		96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	103		111		30-150	A
Decachlorobiphenyl	110		119		30-150	A

METALS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	8.9	2.4	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Antimony, Total	0.98	J	mg/kg	4.4	0.34	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Arsenic, Total	6.9		mg/kg	0.89	0.18	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Barium, Total	670		mg/kg	0.89	0.15	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Beryllium, Total	0.30	J	mg/kg	0.44	0.03	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Cadmium, Total	0.73	J	mg/kg	0.89	0.09	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Calcium, Total	34000		mg/kg	8.9	3.1	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Chromium, Total	76		mg/kg	0.89	0.09	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Cobalt, Total	2.7		mg/kg	1.8	0.15	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Copper, Total	89		mg/kg	0.89	0.23	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Iron, Total	14000		mg/kg	4.4	0.80	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Lead, Total	2300		mg/kg	4.4	0.24	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Magnesium, Total	8700		mg/kg	8.9	1.4	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Manganese, Total	260		mg/kg	0.89	0.14	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Mercury, Total	0.68		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:19	EPA 7471B	1,7471B	BV
Nickel, Total	5.8		mg/kg	2.2	0.22	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Potassium, Total	560		mg/kg	220	13.	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Silver, Total	0.25	J	mg/kg	0.89	0.25	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Sodium, Total	230		mg/kg	180	2.8	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Vanadium, Total	28		mg/kg	0.89	0.18	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB
Zinc, Total	480		mg/kg	4.4	0.26	2	12/20/16 22:25	12/23/16 02:16	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8100		mg/kg	9.1	2.5	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Antimony, Total	0.73	J	mg/kg	4.6	0.35	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Arsenic, Total	2.4		mg/kg	0.91	0.19	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Barium, Total	60		mg/kg	0.91	0.16	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Beryllium, Total	0.31	J	mg/kg	0.46	0.03	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Cadmium, Total	0.49	J	mg/kg	0.91	0.09	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Calcium, Total	1300		mg/kg	9.1	3.2	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Chromium, Total	20		mg/kg	0.91	0.09	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Cobalt, Total	5.4		mg/kg	1.8	0.15	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Copper, Total	38		mg/kg	0.91	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Iron, Total	13000		mg/kg	4.6	0.82	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Lead, Total	90		mg/kg	4.6	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Magnesium, Total	1800		mg/kg	9.1	1.4	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Manganese, Total	250		mg/kg	0.91	0.14	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Mercury, Total	0.25		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:22	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.3	0.22	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Potassium, Total	450		mg/kg	230	13.	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.24	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.91	0.26	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Sodium, Total	75	J	mg/kg	180	2.9	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.91	0.18	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS
Zinc, Total	65		mg/kg	4.6	0.27	2	12/20/16 22:25	12/27/16 14:24	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 92%

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5600		mg/kg	8.6	2.3	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.3	0.32	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Arsenic, Total	4.9		mg/kg	0.86	0.18	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Barium, Total	89		mg/kg	0.86	0.15	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Beryllium, Total	0.15	J	mg/kg	0.43	0.03	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Cadmium, Total	4.2		mg/kg	0.86	0.08	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Calcium, Total	4300		mg/kg	8.6	3.0	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Chromium, Total	15		mg/kg	0.86	0.08	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Cobalt, Total	4.1		mg/kg	1.7	0.14	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Copper, Total	13		mg/kg	0.86	0.22	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Iron, Total	9600		mg/kg	4.3	0.77	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Lead, Total	340		mg/kg	4.3	0.23	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Magnesium, Total	2800		mg/kg	8.6	1.3	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Manganese, Total	190		mg/kg	0.86	0.14	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Mercury, Total	0.10		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:25	EPA 7471B	1,7471B	BV
Nickel, Total	9.3		mg/kg	2.1	0.21	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Potassium, Total	360		mg/kg	210	12.	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Selenium, Total	0.63	J	mg/kg	1.7	0.22	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.86	0.24	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Sodium, Total	170		mg/kg	170	2.7	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.7	0.27	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Vanadium, Total	19		mg/kg	0.86	0.17	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB
Zinc, Total	1800		mg/kg	4.3	0.25	2	12/21/16 19:33	12/22/16 03:13	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8000		mg/kg	9.0	2.4	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Arsenic, Total	4.8		mg/kg	0.90	0.19	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Barium, Total	150		mg/kg	0.90	0.16	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Beryllium, Total	0.29	J	mg/kg	0.45	0.03	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Cadmium, Total	0.10	J	mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Calcium, Total	12000		mg/kg	9.0	3.2	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Chromium, Total	25		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Cobalt, Total	5.5		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Copper, Total	120		mg/kg	0.90	0.23	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Iron, Total	13000		mg/kg	4.5	0.82	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Lead, Total	310		mg/kg	4.5	0.24	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Magnesium, Total	2600		mg/kg	9.0	1.4	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.90	0.14	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Mercury, Total	0.25		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:27	EPA 7471B	1,7471B	BV
Nickel, Total	16		mg/kg	2.3	0.22	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Potassium, Total	480		mg/kg	230	13.	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.26	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Vanadium, Total	24		mg/kg	0.90	0.18	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB
Zinc, Total	190		mg/kg	4.5	0.26	2	12/21/16 19:33	12/22/16 03:17	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	8.8	2.4	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.4	0.33	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Arsenic, Total	6.3		mg/kg	0.88	0.18	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Barium, Total	75		mg/kg	0.88	0.15	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.29	J	mg/kg	0.44	0.03	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.88	0.09	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Calcium, Total	2600		mg/kg	8.8	3.1	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Chromium, Total	22		mg/kg	0.88	0.08	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Cobalt, Total	5.8		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Copper, Total	21		mg/kg	0.88	0.23	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Iron, Total	13000		mg/kg	4.4	0.79	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Lead, Total	160		mg/kg	4.4	0.24	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Magnesium, Total	2000		mg/kg	8.8	1.4	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Manganese, Total	220		mg/kg	0.88	0.14	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Mercury, Total	0.23		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:30	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.21	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Potassium, Total	490		mg/kg	220	13.	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.88	0.25	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Sodium, Total	430		mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Vanadium, Total	21		mg/kg	0.88	0.18	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB
Zinc, Total	110		mg/kg	4.4	0.26	2	12/21/16 19:33	12/22/16 03:22	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9800		mg/kg	9.0	2.4	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Arsenic, Total	4.2		mg/kg	0.90	0.19	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Barium, Total	45		mg/kg	0.90	0.16	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Beryllium, Total	0.32	J	mg/kg	0.45	0.03	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Calcium, Total	1900		mg/kg	9.0	3.2	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Chromium, Total	31		mg/kg	0.90	0.09	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Cobalt, Total	7.5		mg/kg	1.8	0.15	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Copper, Total	26		mg/kg	0.90	0.23	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	4.5	0.81	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Lead, Total	150		mg/kg	4.5	0.24	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Magnesium, Total	2800		mg/kg	9.0	1.4	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Manganese, Total	230		mg/kg	0.90	0.14	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Mercury, Total	0.14		mg/kg	0.09	0.02	1	12/27/16 18:57	12/28/16 15:40	EPA 7471B	1,7471B	BV
Nickel, Total	17		mg/kg	2.2	0.22	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Potassium, Total	590		mg/kg	220	13.	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Selenium, Total	0.23	J	mg/kg	1.8	0.23	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.25	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Sodium, Total	120	J	mg/kg	180	2.8	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Vanadium, Total	30		mg/kg	0.90	0.18	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB
Zinc, Total	43		mg/kg	4.5	0.26	2	12/21/16 19:33	12/22/16 03:26	EPA 3050B	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6200		mg/kg	8.7	2.4	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Antimony, Total	5.5		mg/kg	4.4	0.33	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Arsenic, Total	11		mg/kg	0.87	0.18	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Barium, Total	190		mg/kg	0.87	0.15	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Beryllium, Total	0.15	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Cadmium, Total	0.44	J	mg/kg	0.87	0.09	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Calcium, Total	9200		mg/kg	8.7	3.0	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Chromium, Total	19		mg/kg	0.87	0.08	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Cobalt, Total	5.8		mg/kg	1.7	0.14	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Copper, Total	37		mg/kg	0.87	0.22	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Iron, Total	36000		mg/kg	4.4	0.79	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Lead, Total	960		mg/kg	4.4	0.23	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Magnesium, Total	2100		mg/kg	8.7	1.3	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Manganese, Total	330		mg/kg	0.87	0.14	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Mercury, Total	0.69		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:42	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.2	0.21	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Potassium, Total	390		mg/kg	220	12.	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.22	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.87	0.25	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Sodium, Total	160	J	mg/kg	170	2.8	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.28	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.87	0.18	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS
Zinc, Total	360		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:26	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.8	2.4	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.4	0.33	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Arsenic, Total	2.2		mg/kg	0.88	0.18	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Barium, Total	71		mg/kg	0.88	0.15	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Beryllium, Total	0.12	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.88	0.09	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Calcium, Total	2300		mg/kg	8.8	3.1	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Chromium, Total	28		mg/kg	0.88	0.08	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Cobalt, Total	6.8		mg/kg	1.8	0.14	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Copper, Total	22		mg/kg	0.88	0.22	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Iron, Total	14000		mg/kg	4.4	0.79	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Lead, Total	61		mg/kg	4.4	0.23	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Magnesium, Total	3600		mg/kg	8.8	1.3	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Manganese, Total	120		mg/kg	0.88	0.14	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Mercury, Total	0.49		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 15:45	EPA 7471B	1,7471B	BV
Nickel, Total	13		mg/kg	2.2	0.21	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Potassium, Total	1700		mg/kg	220	13.	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.22	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Sodium, Total	520		mg/kg	180	2.8	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Vanadium, Total	30		mg/kg	0.88	0.18	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS
Zinc, Total	45		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:30	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7400		mg/kg	8.9	2.4	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.4	0.34	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Arsenic, Total	2.4		mg/kg	0.89	0.18	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Barium, Total	47		mg/kg	0.89	0.15	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Beryllium, Total	0.10	J	mg/kg	0.44	0.03	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.89	0.09	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Calcium, Total	3800		mg/kg	8.9	3.1	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Chromium, Total	24		mg/kg	0.89	0.09	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Cobalt, Total	6.6		mg/kg	1.8	0.15	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Copper, Total	29		mg/kg	0.89	0.23	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Iron, Total	12000		mg/kg	4.4	0.80	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Lead, Total	47		mg/kg	4.4	0.24	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Magnesium, Total	3500		mg/kg	8.9	1.4	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Manganese, Total	360		mg/kg	0.89	0.14	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Mercury, Total	0.24		mg/kg	0.07	0.02	1	12/27/16 18:57	12/28/16 15:48	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.2	0.22	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Potassium, Total	630		mg/kg	220	13.	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.89	0.25	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Sodium, Total	460		mg/kg	180	2.8	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Vanadium, Total	25		mg/kg	0.89	0.18	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS
Zinc, Total	49		mg/kg	4.4	0.26	2	12/22/16 19:00	12/27/16 10:34	EPA 3050B	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG963178-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Chromium, Total	0.10	J	mg/kg	0.40	0.04	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Iron, Total	1.4	J	mg/kg	2.0	0.36	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Manganese, Total	ND		mg/kg	0.40	0.06	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.8	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Sodium, Total	ND		mg/kg	80	1.3	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB
Zinc, Total	ND		mg/kg	2.0	0.12	1	12/20/16 22:25	12/22/16 23:18	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04-07 Batch: WG963583-1										
Aluminum, Total	1.5	J	mg/kg	4.0	1.1	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Arsenic, Total	0.09	J	mg/kg	0.40	0.08	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Chromium, Total	0.07	J	mg/kg	0.40	0.04	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Iron, Total	0.68	J	mg/kg	2.0	0.36	1	12/21/16 19:33	12/22/16 04:50	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.0	0.62	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Manganese, Total	0.11	J	mg/kg	0.40	0.06	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.8	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Sodium, Total	ND		mg/kg	80	1.3	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB
Zinc, Total	0.22	J	mg/kg	2.0	0.12	1	12/21/16 19:33	12/22/16 02:10	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 08-10 Batch: WG964052-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.07	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.4	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Lead, Total	ND	mg/kg	2.0	0.11	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Magnesium, Total	ND	mg/kg	4.0	0.62	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Manganese, Total	ND	mg/kg	0.40	0.06	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Nickel, Total	ND	mg/kg	1.0	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Potassium, Total	ND	mg/kg	100	5.8	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Selenium, Total	ND	mg/kg	0.80	0.10	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Silver, Total	ND	mg/kg	0.40	0.11	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Sodium, Total	ND	mg/kg	80	1.3	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Thallium, Total	ND	mg/kg	0.80	0.13	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Vanadium, Total	ND	mg/kg	0.40	0.08	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS
Zinc, Total	ND	mg/kg	2.0	0.12	1	12/22/16 19:00	12/27/16 10:02	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-10 Batch: WG965025-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/27/16 18:57	12/28/16 14:54	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG963178-2 SRM Lot Number: D091-540								
Aluminum, Total	70		-		52-148	-		
Antimony, Total	179		-		1-200	-		
Arsenic, Total	96		-		80-121	-		
Barium, Total	91		-		84-117	-		
Beryllium, Total	99		-		83-117	-		
Cadmium, Total	105		-		83-117	-		
Calcium, Total	102		-		81-118	-		
Chromium, Total	105		-		80-119	-		
Cobalt, Total	110		-		84-115	-		
Copper, Total	98		-		82-117	-		
Iron, Total	80		-		47-154	-		
Lead, Total	96		-		82-118	-		
Magnesium, Total	87		-		77-123	-		
Manganese, Total	100		-		82-118	-		
Nickel, Total	108		-		83-117	-		
Potassium, Total	83		-		72-128	-		
Selenium, Total	96		-		79-121	-		
Silver, Total	93		-		75-124	-		
Sodium, Total	104		-		73-126	-		
Thallium, Total	99		-		80-121	-		
Vanadium, Total	96		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG963178-2 SRM Lot Number: D091-540					
Zinc, Total	98	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG963583-2 SRM Lot Number: D091-540					
Aluminum, Total	79	-	52-148	-	
Antimony, Total	114	-	1-200	-	
Arsenic, Total	110	-	80-121	-	
Barium, Total	86	-	84-117	-	
Beryllium, Total	90	-	83-117	-	
Cadmium, Total	104	-	83-117	-	
Calcium, Total	97	-	81-118	-	
Chromium, Total	98	-	80-119	-	
Cobalt, Total	104	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	107	-	47-154	-	
Lead, Total	103	-	82-118	-	
Magnesium, Total	98	-	77-123	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	83	-	72-128	-	
Selenium, Total	101	-	79-121	-	
Silver, Total	99	-	75-124	-	
Sodium, Total	85	-	73-126	-	
Thallium, Total	106	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 Batch: WG963583-2 SRM Lot Number: D091-540					
Zinc, Total	103	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 Batch: WG964052-2 SRM Lot Number: D091-540					
Aluminum, Total	56	-	52-148	-	
Antimony, Total	122	-	1-200	-	
Arsenic, Total	90	-	80-121	-	
Barium, Total	96	-	84-117	-	
Beryllium, Total	87	-	83-117	-	
Cadmium, Total	90	-	83-117	-	
Calcium, Total	86	-	81-118	-	
Chromium, Total	84	-	80-119	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	92	-	82-117	-	
Iron, Total	67	-	47-154	-	
Lead, Total	82	-	82-118	-	
Magnesium, Total	80	-	77-123	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	75	-	72-128	-	
Selenium, Total	84	-	79-121	-	
Silver, Total	83	-	75-124	-	
Sodium, Total	83	-	73-126	-	
Thallium, Total	92	-	80-121	-	
Vanadium, Total	80	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 Batch: WG964052-2 SRM Lot Number: D091-540					
Zinc, Total	82	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 Batch: WG965025-2 SRM Lot Number: D091-540					
Mercury, Total	106	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-3 QC Sample: L1641246-01 Client ID: MS Sample												
Aluminum, Total	5900	189	7600	**901**	Q	-	-		75-125	-		20
Antimony, Total	0.55J	47.2	33	**70**	Q	-	-		75-125	-		20
Arsenic, Total	2.3	11.3	14	103		-	-		75-125	-		20
Barium, Total	56.	189	230	92		-	-		75-125	-		20
Beryllium, Total	0.27J	4.72	4.8	102		-	-		75-125	-		20
Cadmium, Total	0.53J	4.81	5.2	108		-	-		75-125	-		20
Calcium, Total	1700	943	2900	**127**	Q	-	-		75-125	-		20
Chromium, Total	12.	18.9	32	106		-	-		75-125	-		20
Cobalt, Total	6.3	47.2	48	88		-	-		75-125	-		20
Copper, Total	71.	23.6	71	**0**	Q	-	-		75-125	-		20
Iron, Total	13000	94.3	16000	**3180**	Q	-	-		75-125	-		20
Lead, Total	96.	48.1	120	**50**	Q	-	-		75-125	-		20
Magnesium, Total	1700	943	2600	95		-	-		75-125	-		20
Manganese, Total	260	47.2	320	**127**	Q	-	-		75-125	-		20
Nickel, Total	12.	47.2	54	89		-	-		75-125	-		20
Potassium, Total	630	943	1700	113		-	-		75-125	-		20
Selenium, Total	ND	11.3	12	106		-	-		75-125	-		20
Silver, Total	ND	28.3	28	99		-	-		75-125	-		20
Sodium, Total	440	943	1300	91		-	-		75-125	-		20
Thallium, Total	ND	11.3	11	97		-	-		75-125	-		20
Vanadium, Total	16.	47.2	64	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-3 QC Sample: L1641246-01 Client ID: MS Sample										
Zinc, Total	390	47.2	140	**0**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-3 QC Sample: L1641534-01 Client ID: MS Sample										
Aluminum, Total	9200	175	7200	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	43.8	40	91		-	-	75-125	-	20
Arsenic, Total	6.4	10.5	13	**63**	Q	-	-	75-125	-	20
Barium, Total	29.	175	170	80		-	-	75-125	-	20
Beryllium, Total	0.36	4.38	4.0	83		-	-	75-125	-	20
Cadmium, Total	ND	4.46	3.8	85		-	-	75-125	-	20
Calcium, Total	5100	875	6600	**171**	Q	-	-	75-125	-	20
Chromium, Total	21.	17.5	23	**11**	Q	-	-	75-125	-	20
Cobalt, Total	7.3	43.8	42	79		-	-	75-125	-	20
Copper, Total	27.	21.9	46	87		-	-	75-125	-	20
Iron, Total	19000	87.5	15000	**0**	Q	-	-	75-125	-	20
Lead, Total	8.7	44.6	47	86		-	-	75-125	-	20
Magnesium, Total	5300	875	5000	**0**	Q	-	-	75-125	-	20
Manganese, Total	360	43.8	350	**0**	Q	-	-	75-125	-	20
Nickel, Total	16.	43.8	47	**71**	Q	-	-	75-125	-	20
Potassium, Total	800	875	1200	**46**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.5	9.3	88		-	-	75-125	-	20
Silver, Total	ND	26.3	25	95		-	-	75-125	-	20
Sodium, Total	110	875	900	90		-	-	75-125	-	20
Thallium, Total	ND	10.5	8.4	80		-	-	75-125	-	20
Vanadium, Total	19.	43.8	54	80		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-3 QC Sample: L1641534-01 Client ID: MS Sample										
Zinc, Total	49.	43.8	72	**52**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-3 QC Sample: L1641658-03 Client ID: MS Sample										
Aluminum, Total	8200	196	9400	**614**	Q	-	-	75-125	-	20
Antimony, Total	ND	48.9	38	78		-	-	75-125	-	20
Arsenic, Total	7.8	11.7	20	104		-	-	75-125	-	20
Barium, Total	12.	196	210	101		-	-	75-125	-	20
Beryllium, Total	0.22J	4.89	5.1	104		-	-	75-125	-	20
Cadmium, Total	ND	4.99	4.7	94		-	-	75-125	-	20
Calcium, Total	1400	978	3100	**174**	Q	-	-	75-125	-	20
Chromium, Total	33.	19.6	69	**184**	Q	-	-	75-125	-	20
Cobalt, Total	1.9	48.9	48	98		-	-	75-125	-	20
Copper, Total	5.5	24.4	32	108		-	-	75-125	-	20
Iron, Total	16000	97.8	23000	**7160**	Q	-	-	75-125	-	20
Lead, Total	6.4	49.9	55	97		-	-	75-125	-	20
Magnesium, Total	1600	978	2800	123		-	-	75-125	-	20
Manganese, Total	33.	48.9	82	100		-	-	75-125	-	20
Nickel, Total	4.0	48.9	51	96		-	-	75-125	-	20
Potassium, Total	1600	978	3200	**164**	Q	-	-	75-125	-	20
Selenium, Total	ND	11.7	10	85		-	-	75-125	-	20
Silver, Total	ND	29.3	30	102		-	-	75-125	-	20
Sodium, Total	81.J	978	1000	102		-	-	75-125	-	20
Thallium, Total	ND	11.7	12	102		-	-	75-125	-	20
Vanadium, Total	33.	48.9	99	**135**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-3 QC Sample: L1641658-03 Client ID: MS Sample										
Zinc, Total	28.	48.9	84	114		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG965025-3 QC Sample: L1640713-01 Client ID: MS Sample										
Mercury, Total	0.05J	0.192	0.24	**125**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-4 QC Sample: L1641246-01 Client ID: DUP Sample						
Aluminum, Total	5900	5600	mg/kg	5		20
Antimony, Total	0.55J	ND	mg/kg	NC		20
Arsenic, Total	2.3	4.2	mg/kg	**58**	Q	20
Barium, Total	56.	46	mg/kg	20		20
Beryllium, Total	0.27J	0.46	mg/kg	NC		20
Cadmium, Total	0.53J	1.3	mg/kg	NC		20
Calcium, Total	1700	1300	mg/kg	**27**	Q	20
Chromium, Total	12.	21	mg/kg	**55**	Q	20
Cobalt, Total	6.3	5.0	mg/kg	**23**	Q	20
Copper, Total	71.	85	mg/kg	18		20
Iron, Total	13000	29000	mg/kg	**76**	Q	20
Lead, Total	96.	82	mg/kg	16		20
Magnesium, Total	1700	1100	mg/kg	**43**	Q	20
Manganese, Total	260	430	mg/kg	**49**	Q	20
Nickel, Total	12.	7.3	mg/kg	**49**	Q	20
Potassium, Total	630	460	mg/kg	**31**	Q	20
Selenium, Total	ND	0.61J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	440	160J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG963178-4 QC Sample: L1641246-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	16.	31	mg/kg	**64**	Q	20
Zinc, Total	390	78	mg/kg	**133**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 04-07 QC Batch ID: WG963583-4 QC Sample: L1641534-01 Client ID: DUP Sample						
Lead, Total	8.7	11	mg/kg	**23**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-4 QC Sample: L1641658-03 Client ID: DUP Sample						
Aluminum, Total	8200	8000	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.8	7.4	mg/kg	5		20
Barium, Total	12.	13	mg/kg	8		20
Beryllium, Total	0.22J	0.26J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1400	1900	mg/kg	**30**	Q	20
Chromium, Total	33.	38	mg/kg	14		20
Cobalt, Total	1.9	2.1	mg/kg	10		20
Copper, Total	5.5	6.1	mg/kg	10		20
Iron, Total	16000	16000	mg/kg	0		20
Lead, Total	6.4	7.0	mg/kg	9		20
Magnesium, Total	1600	1700	mg/kg	6		20
Manganese, Total	33.	32	mg/kg	3		20
Nickel, Total	4.0	4.2	mg/kg	5		20
Potassium, Total	1600	1600	mg/kg	0		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	81.J	83J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 08-10 QC Batch ID: WG964052-4 QC Sample: L1641658-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	33.	37	mg/kg	11	20
Zinc, Total	28.	30	mg/kg	7	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG965025-4 QC Sample: L1640713-01 Client ID: DUP Sample					
Mercury, Total	0.05J	0.04J	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-01
Client ID: B-11, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/19/16 14:40
Date Received: 12/19/16
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	87.5		%	0.100	NA	1	-	12/20/16 10:56	121,2540G	RI
Cyanide, Total	0.34	J	mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:31	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-02
Client ID: B-5, S1, 0-2'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/19/16 15:00
Date Received: 12/19/16
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	-	12/20/16 10:56	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.19	1	12/21/16 22:00	12/22/16 15:32	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-04
Client ID: B-8, 2-6'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 15:10
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	12/21/16 22:00	12/22/16 15:33	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-05
Client ID: B-7, S3, 4-6'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 15:00
Date Received: 12/20/16
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	86.8		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:34	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-06
Client ID: B-6, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 14:55
Date Received: 12/20/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	12/21/16 22:00	12/22/16 15:41	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-07
Client ID: B-4, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/20/16 14:50
Date Received: 12/20/16
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	85.6		%	0.100	NA	1	-	12/21/16 09:46	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/21/16 22:00	12/22/16 15:35	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-08
Client ID: B-3, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:15
Date Received: 12/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	0.29	J	mg/kg	1.1	0.18	1	12/23/16 10:00	12/23/16 15:05	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-09
Client ID: B-1, S2, 2-4'
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:25
Date Received: 12/21/16
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	87.7		%	0.100	NA	1	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	0.25	J	mg/kg	1.0	0.17	1	12/23/16 10:00	12/23/16 15:06	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

SAMPLE RESULTS

Lab ID: L1641295-10
Client ID: B-2
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 12/21/16 14:35
Date Received: 12/21/16
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	-	12/22/16 18:32	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/23/16 10:00	12/23/16 15:10	1,9010C/9012B	JO

Project Name: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,04-07 Batch: WG963628-1										
Cyanide, Total	ND		mg/kg	0.91	0.15	1	12/21/16 22:00	12/22/16 15:05	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 08-10 Batch: WG964003-1										
Cyanide, Total	ND		mg/kg	0.92	0.15	1	12/23/16 10:00	12/23/16 15:00	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG YONKERS NY

Project Number: Not Specified

Lab Number: L1641295

Report Date: 12/30/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG963628-2 WG963628-3								
Cyanide, Total	118		101		80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 Batch: WG964003-2 WG964003-3								
Cyanide, Total	115		106		80-120	8		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-07 QC Batch ID: WG963628-4 WG963628-5 QC Sample: L1641295-01 Client ID: B-11, S2, 2-4'												
Cyanide, Total	0.34J	11	9.5	83		11	100		65-135	15		35
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG964003-4 WG964003-5 QC Sample: L1641295-09 Client ID: B-1, S2, 2-4'												
Cyanide, Total	0.25J	11	10	92		10	94		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG962907-1 QC Sample: L1641303-01 Client ID: DUP Sample						
Solids, Total	81.8	82.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG963353-1 QC Sample: L1641529-01 Client ID: DUP Sample						
Solids, Total	94.4	93.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG963984-1 QC Sample: L1641653-01 Client ID: DUP Sample						
Solids, Total	85.8	83.8	%	2		20

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/20/2016 03:48

Cooler Information	Custody Seal
Cooler	
A	Absent
B	Absent
A1	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-01A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01B	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01C	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-01D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	TS(7)
L1641295-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.1	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-01F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-02A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02B	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02C	Vial water preserved	A	N/A	2.1	Y	Absent	NYTCL-8260HLW(14)
L1641295-02D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	TS(7)
L1641295-02E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.1	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-02F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-03A	Vial MeOH preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03B	Vial water preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03C	Vial water preserved	A	N/A	2.1	Y	Absent	HOLD-8260(14)
L1641295-03D	Plastic 2oz unpreserved for TS	A	N/A	2.1	Y	Absent	HOLD-WETCHEM()
L1641295-03E	Glass 60mL/2oz unpreserved	A	N/A	2.1	Y	Absent	HOLD-8081(14),HOLD-8270(14),HOLD-METAL(180),HOLD-8082()
L1641295-03F	Glass 250ml/8oz unpreserved	A	N/A	2.1	Y	Absent	HOLD-8081(14),HOLD-8270(14),HOLD-METAL(180),HOLD-8082()
L1641295-04A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-04D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-04E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-04F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-05A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-05D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-05E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-05F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-06A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-06B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-06C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-06D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-06E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-06F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-07A	Vial MeOH preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07B	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07C	Vial water preserved	B	N/A	2.0	Y	Absent	NYTCL-8260HLW(14)
L1641295-07D	Plastic 2oz unpreserved for TS	B	N/A	2.0	Y	Absent	TS(7)
L1641295-07E	Metals Only - Glass 60mL/2oz unp	B	N/A	2.0	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-07F	Glass 250ml/8oz unpreserved	B	N/A	2.0	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-08A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-08D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-08E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1641295-08F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-09A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-09D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-09E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-09F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1641295-10A	Vial MeOH preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10B	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10C	Vial water preserved	A1	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1641295-10D	Plastic 2oz unpreserved for TS	A1	N/A	2.5	Y	Absent	TS(7)
L1641295-10E	Metals Only - Glass 60mL/2oz unp	A1	N/A	2.5	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1641295-10F	Glass 250ml/8oz unpreserved	A1	N/A	2.5	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

Container Comments

L1641295-01B	Vial frozen: 12/20/16 03:48
L1641295-01C	Vial frozen: 12/20/16 03:48
L1641295-02B	Vial frozen: 12/20/16 03:48
L1641295-02C	Vial frozen: 12/20/16 03:48
L1641295-03B	Vial frozen: 12/20/16 03:48

*Values in parentheses indicate holding time in days

Project Name: CPG YONKERS NY
Project Number: Not Specified

Lab Number: L1641295
Report Date: 12/30/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1641295-03C	Vial frozen: 12/20/16 03:48
L1641295-04B	Vial frozen: 12/21/16 09:37
L1641295-04C	Vial frozen: 12/21/16 09:37
L1641295-05B	Vial frozen: 12/21/16 09:37
L1641295-05C	Vial frozen: 12/21/16 09:37
L1641295-06B	Vial frozen: 12/21/16 09:37
L1641295-06C	Vial frozen: 12/21/16 09:37
L1641295-07B	Vial frozen: 12/21/16 09:37
L1641295-07C	Vial frozen: 12/21/16 09:37
L1641295-08B	Vial frozen: 12/22/16 05:05
L1641295-08C	Vial frozen: 12/22/16 05:05
L1641295-09B	Vial frozen: 12/22/16 05:05
L1641295-09C	Vial frozen: 12/22/16 05:05
L1641295-10B	Vial frozen: 12/22/16 05:05
L1641295-10C	Vial frozen: 12/22/16 05:05

*Values in parentheses indicate holding time in days

Project Name:	CPG YONKERS NY	**Lab Number:**	L1641295
Project Number:	Not Specified	**Report Date:**	12/30/16

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG YONKERS NY	**Lab Number:**	L1641295
Project Number:	Not Specified	**Report Date:**	12/30/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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: CPG YONKERS NY
Project Number: Not Specified
Lab Number: L1641295
Report Date: 12/30/16

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: ***EPA 3050B***

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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**.

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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 of

Date Rec'd in Lab: 12/22/16

ALPHA Job #: L1641295

Client Information
Client: CT Male
Address: 50 Century Hill Dr
Latham, NY 12110
Phone: 518.786.7400
Fax: 518.786.7299
Email: s.biever@ctmale.com

Project Information
Project Name: Cottage Place Gardens
Project Location: Yonkers, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Biever
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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	NYTCL-8260-HLW	NYTCL-8260-HLW	NYTCL-8081-8082-8	TAL Metals, Tot Hg	Total Cn				Total Bottle	Sample Specific Comments
L1295-08	B-3, S2, 2-4'	12/21/2016	2:15pm	S	TJM	✓	/	/	/	/					
09	B-1, S2, 2-4'	12/21/2016	2:25pm	S	TJM	✓	/	/	/	/					
10	B-2,	12/21/2016	2:35pm	S	TJM	✓	/	/	/	/					

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
Thomas J. Morgan	12/21/2016 14:50pm	Dave Hunt MCT	12/21/16 1450
Dave	12/21/16 1945	A. Hawkins	12-21-16 2115
H. Hawkins	12-22-16 0115		12/22/16 0115

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 12/20/16

ALPHA Job #: L1641295

Client Information
Client: CTMale
Address: 50 Century Hill Dr
Latham, NY
Phone: 518.786.7400
Fax: 518.786.7299
Email: s.bieber@ctmale.com

Project Information
Project Name: Cottage Place Gardens
Project Location: Yonkers, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8270	TAL Metals	Total Cn				Sample Specific Comments	Total Bottle
41295-01	B-8, 2-6'	12/20/2016	3:10pm	S	TJM	✓	—	—	✓	✓					
02	B-7, S3, 4-6'	12/20/2016	3:00pm	S	TJM	✓	—	—	—	—					
03	B-6, S2, 2-4'	12/20/2016	2:55pm	S	TJM	✓	—	—	—	—					
04	B-4, S2, 2-4'	12/20/2016	2:50pm	S	TJM	✓	—	—	—	—					

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
[illegible] J. Morgan	12/20/16 15:15	[illegible] Alpha	12/20/16 15:15
[illegible] NAlpha	12/20/16 1800	Tom Tobin	12-20-16 1800
Tom Tobin	12-20-16 2355	[illegible]	12/20/16 23:55

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab 12/20/16

ALPHA Job # L1641295

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Yonkers NY
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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: NA

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn				Sample Specific Comments
41295-01	B-11, S2, 2-4'	12/19/2016	2 Steps	Soil	TJM	✓	✓	✓	✓	✓				
02	B-5, S4, 0-2'	12/19/2016	3:00 p.m.	Soil	TJM	✓	✓	✓	✓	✓				
03	B-8, S6, 16-17'	12/19/2016	3:20 p.m.	Soil	TJM	✓	✓	✓	✓	✓				Hold

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

Total Bottles

Container Type	V	V	A	A	A					
Preservative	F		A	A	A					

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
[illegible]	12/19/2016 3:30 pm	Michael Zeller AAL	12/19/16 3:30
Michael Zeller/AAL	12/19/16 2:30	Tom Tobin	12-19-16 20:10
Tom Tobin	12-20-16 0015		12/20/16 0015

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.

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

ANALYTICAL REPORT

Lab Number:	L1706909
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG PHASE 4/5
Project Number:	16.6669
Report Date:	03/15/17

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1706909-01	GP01_0-5	SOIL	YONKERS, NY	03/06/17 12:05	03/06/17
L1706909-02	GP01_5-7.5	SOIL	YONKERS, NY	03/06/17 13:45	03/06/17
L1706909-03	GP02_0-5	SOIL	YONKERS, NY	03/07/17 08:30	03/07/17
L1706909-04	GP03_0-5	SOIL	YONKERS, NY	03/07/17 11:10	03/07/17
L1706909-05	178GP01_0-2.5	SOIL	YONKERS, NY	03/07/17 11:20	03/07/17
L1706909-06	178GP02_2.5-5	SOIL	YONKERS, NY	03/07/17 13:20	03/07/17
L1706909-07	178GP03_0-2.5	SOIL	YONKERS, NY	03/07/17 13:40	03/07/17
L1706909-08	178GP03_2.5-5	SOIL	YONKERS, NY	03/07/17 13:30	03/07/17
L1706909-09	178GP04_0-5	SOIL	YONKERS, NY	03/07/17 14:15	03/07/17

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909
Project Number: 16.6669 **Report Date:** 03/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG PHASE 4/5 **Lab Number:** L1706909
Project Number: 16.6669 **Report Date:** 03/15/17

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1706909-03, -04, -05, -06, -08 and -09: The water-preserved VOA vials for Volatile Organics Low-Level analysis were frozen on March 8, 2017 3:52.

Volatile Organics

L1706909-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1706909-05: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (53%), possibly due to the matrix effect caused by the high pH of the sample (>10).

The WG984851-5 Method Blank, associated with L1706909-01, -02, -06, and -08, has a concentration above the reporting limit for acetone. Since the samples were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG985009-5 Method Blank, associated with L1706909-03, has a concentration above the reporting limit for acetone. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics

L1706909-02 and -06: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1706909-02: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1706909-04: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (14%) and

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

Case Narrative (continued)

2,4,6-tribromophenol (4%); however, re-extraction achieved similar results: 2-fluorophenol (11%) and 2,4,6-tribromophenol (1%). The results of both extractions are reported.
L1706909-05: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (4%) and 2,4,6-tribromophenol (1%); however, re-extraction achieved similar results: 2-fluorophenol (2%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.
L1706909-06: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (15%) and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (13%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.

Metals
L1706909-01, -03, -04, -05, -06, -08 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
The WG983711-3 MS recovery for mercury (0%), performed on L1706909-03, does not apply because the sample concentration is greater than four times the spike amount added.
The WG983711-4 Laboratory Duplicate RPD, performed on L1706909-03, is outside the acceptance criteria for mercury (22%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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: Melissa Cripps

Title: Technical Director/Representative Date: 03/15/17

ORGANICS

VOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 15:36
Analyst: BD
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	370	41.	1
1,1-Dichloroethane	ND		ug/kg	56	3.2	1
Chloroform	ND		ug/kg	56	14.	1
Carbon tetrachloride	ND		ug/kg	37	7.8	1
1,2-Dichloropropane	ND		ug/kg	130	8.5	1
Dibromochloromethane	ND		ug/kg	37	5.7	1
1,1,2-Trichloroethane	ND		ug/kg	56	11.	1
Tetrachloroethene	ND		ug/kg	37	5.2	1
Chlorobenzene	ND		ug/kg	37	13.	1
Trichlorofluoromethane	ND		ug/kg	180	14.	1
1,2-Dichloroethane	ND		ug/kg	37	4.2	1
1,1,1-Trichloroethane	ND		ug/kg	37	4.1	1
Bromodichloromethane	ND		ug/kg	37	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	37	4.5	1
cis-1,3-Dichloropropene	ND		ug/kg	37	4.4	1
Bromoform	ND		ug/kg	150	8.8	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	3.7	1
Benzene	ND		ug/kg	37	4.4	1
Toluene	ND		ug/kg	56	7.2	1
Ethylbenzene	ND		ug/kg	37	4.7	1
Chloromethane	ND		ug/kg	180	11.	1
Bromomethane	ND		ug/kg	74	12.	1
Vinyl chloride	ND		ug/kg	74	4.4	1
Chloroethane	ND		ug/kg	74	12.	1
1,1-Dichloroethene	ND		ug/kg	37	9.7	1
trans-1,2-Dichloroethene	ND		ug/kg	56	7.9	1
Trichloroethene	ND		ug/kg	37	4.6	1
1,2-Dichlorobenzene	ND		ug/kg	180	5.7	1
1,3-Dichlorobenzene	ND		ug/kg	180	5.0	1
1,4-Dichlorobenzene	ND		ug/kg	180	5.1	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	74	3.1	1
p/m-Xylene	ND		ug/kg	74	13.	1
o-Xylene	ND		ug/kg	74	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	37	5.3	1
Styrene	ND		ug/kg	74	15.	1
Dichlorodifluoromethane	ND		ug/kg	370	7.1	1
Acetone	84	J	ug/kg	370	38.	1
Carbon disulfide	ND		ug/kg	370	41.	1
2-Butanone	ND		ug/kg	370	10.	1
4-Methyl-2-pentanone	ND		ug/kg	370	9.1	1
2-Hexanone	ND		ug/kg	370	25.	1
Bromochloromethane	ND		ug/kg	180	10.	1
1,2-Dibromoethane	ND		ug/kg	150	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	15.	1
Isopropylbenzene	ND		ug/kg	37	3.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	180	5.5	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	6.8	1
Methyl Acetate	960		ug/kg	740	10.	1
Cyclohexane	ND		ug/kg	740	5.4	1
1,4-Dioxane	ND		ug/kg	1500	540	1
Freon-113	ND		ug/kg	740	10.	1
Methyl cyclohexane	ND		ug/kg	150	5.7	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	7900	J	ug/kg			1
Unknown	721	J	ug/kg			1
Unknown Naphthalene	962	J	ug/kg			1
Unknown Aromatic	900	J	ug/kg			1
Unknown	894	J	ug/kg			1
Unknown	557	J	ug/kg			1
Unknown Aromatic	665	J	ug/kg			1
Unknown	814	J	ug/kg			1
Unknown Naphthalene	810	J	ug/kg			1
Unknown Naphthalene	856	J	ug/kg			1
Unknown Naphthalene	724	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:03
Analyst: BD
Percent Solids: 90%

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	1600	J	ug/kg	12000	1300	20
1,1-Dichloroethane	ND		ug/kg	1700	99.	20
Chloroform	ND		ug/kg	1700	430	20
Carbon tetrachloride	ND		ug/kg	1200	240	20
1,2-Dichloropropane	ND		ug/kg	4000	260	20
Dibromochloromethane	ND		ug/kg	1200	180	20
1,1,2-Trichloroethane	ND		ug/kg	1700	350	20
Tetrachloroethene	ND		ug/kg	1200	160	20
Chlorobenzene	ND		ug/kg	1200	400	20
Trichlorofluoromethane	ND		ug/kg	5800	450	20
1,2-Dichloroethane	ND		ug/kg	1200	130	20
1,1,1-Trichloroethane	ND		ug/kg	1200	130	20
Bromodichloromethane	ND		ug/kg	1200	200	20
trans-1,3-Dichloropropene	ND		ug/kg	1200	140	20
cis-1,3-Dichloropropene	ND		ug/kg	1200	140	20
Bromoform	ND		ug/kg	4600	270	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	1200	120	20
Benzene	ND		ug/kg	1200	140	20
Toluene	ND		ug/kg	1700	220	20
Ethylbenzene	260	J	ug/kg	1200	150	20
Chloromethane	ND		ug/kg	5800	340	20
Bromomethane	ND		ug/kg	2300	390	20
Vinyl chloride	ND		ug/kg	2300	140	20
Chloroethane	ND		ug/kg	2300	370	20
1,1-Dichloroethene	ND		ug/kg	1200	300	20
trans-1,2-Dichloroethene	ND		ug/kg	1700	240	20
Trichloroethene	ND		ug/kg	1200	140	20
1,2-Dichlorobenzene	ND		ug/kg	5800	180	20
1,3-Dichlorobenzene	ND		ug/kg	5800	160	20
1,4-Dichlorobenzene	ND		ug/kg	5800	160	20

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2300	98.	20
p/m-Xylene	ND		ug/kg	2300	410	20
o-Xylene	ND		ug/kg	2300	390	20
cis-1,2-Dichloroethene	ND		ug/kg	1200	160	20
Styrene	ND		ug/kg	2300	470	20
Dichlorodifluoromethane	ND		ug/kg	12000	220	20
Acetone	ND		ug/kg	12000	1200	20
Carbon disulfide	ND		ug/kg	12000	1300	20
2-Butanone	ND		ug/kg	12000	320	20
4-Methyl-2-pentanone	ND		ug/kg	12000	280	20
2-Hexanone	ND		ug/kg	12000	770	20
Bromochloromethane	ND		ug/kg	5800	320	20
1,2-Dibromoethane	ND		ug/kg	4600	200	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5800	460	20
Isopropylbenzene	440	J	ug/kg	1200	120	20
1,2,3-Trichlorobenzene	ND		ug/kg	5800	170	20
1,2,4-Trichlorobenzene	ND		ug/kg	5800	210	20
Methyl Acetate	ND		ug/kg	23000	310	20
Cyclohexane	ND		ug/kg	23000	170	20
1,4-Dioxane	ND		ug/kg	46000	17000	20
Freon-113	ND		ug/kg	23000	320	20
Methyl cyclohexane	ND		ug/kg	4600	180	20

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	975000	J	ug/kg			20
Unknown	82200	J	ug/kg			20
Unknown Naphthalene	72600	J	ug/kg			20
Unknown	75800	J	ug/kg			20
Unknown	95100	J	ug/kg			20
Unknown	85600	J	ug/kg			20
Unknown Naphthalene	121000	J	ug/kg			20
Unknown Aromatic	132000	J	ug/kg			20
Unknown Naphthalene	79500	J	ug/kg			20
Unknown	127000	J	ug/kg			20
Benzene, (1-methyl-1-butenyl)-	104000	NJ	ug/kg			20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 12:25
Analyst: BD
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	0.92	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.31	1
Carbon tetrachloride	ND		ug/kg	0.83	0.17	1
1,2-Dichloropropane	ND		ug/kg	2.9	0.19	1
Dibromochloromethane	ND		ug/kg	0.83	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	0.83	0.12	1
Chlorobenzene	ND		ug/kg	0.83	0.29	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.32	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.09	1
Bromodichloromethane	ND		ug/kg	0.83	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.10	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.08	1
Benzene	ND		ug/kg	0.83	0.10	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.83	0.10	1
Chloromethane	ND		ug/kg	4.2	0.24	1
Bromomethane	ND		ug/kg	1.7	0.28	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Trichloroethene	ND		ug/kg	0.83	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.11	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.29	1
o-Xylene	ND		ug/kg	1.7	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.12	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.16	1
Acetone	2.4	J	ug/kg	8.3	0.86	1
Carbon disulfide	ND		ug/kg	8.3	0.92	1
2-Butanone	ND		ug/kg	8.3	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	0.20	1
2-Hexanone	ND		ug/kg	8.3	0.55	1
Bromochloromethane	ND		ug/kg	4.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	3.3	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.33	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.15	1
Methyl Acetate	ND		ug/kg	17	0.22	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	33	12.	1
Freon-113	ND		ug/kg	17	0.23	1
Methyl cyclohexane	ND		ug/kg	3.3	0.13	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 13:17
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.96	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.96	0.13	1
Chlorobenzene	ND		ug/kg	0.96	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.37	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	0.11	1
Bromodichloromethane	ND		ug/kg	0.96	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.11	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	0.10	1
Benzene	ND		ug/kg	0.96	0.11	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.96	0.12	1
Chloromethane	ND		ug/kg	4.8	0.28	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.96	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.13	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.14	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.18	1
Acetone	59		ug/kg	9.6	1.0	1
Carbon disulfide	ND		ug/kg	9.6	1.0	1
2-Butanone	ND		ug/kg	9.6	0.26	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.23	1
2-Hexanone	ND		ug/kg	9.6	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.17	1
Methyl Acetate	ND		ug/kg	19	0.26	1
Cyclohexane	ND		ug/kg	19	0.14	1
1,4-Dioxane	ND		ug/kg	38	14.	1
Freon-113	ND		ug/kg	19	0.26	1
Methyl cyclohexane	ND		ug/kg	3.8	0.15	1

Tentatively Identified Compounds				
Total TIC Compounds	21.2	J	ug/kg	1
Unknown	3.82	J	ug/kg	1
Unknown	17.4	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	72		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 13:43
Analyst: BD
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	0.95	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.32	1
Carbon tetrachloride	ND		ug/kg	0.86	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.20	1
Dibromochloromethane	ND		ug/kg	0.86	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	ND		ug/kg	0.86	0.12	1
Chlorobenzene	ND		ug/kg	0.86	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.10	1
Bromodichloromethane	ND		ug/kg	0.86	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.10	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.09	1
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
Chloromethane	ND		ug/kg	4.3	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.86	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.3	0.12	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.30	1
o-Xylene	ND		ug/kg	1.7	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.12	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.16	1
Acetone	15		ug/kg	8.6	0.89	1
Carbon disulfide	2.2	J	ug/kg	8.6	0.95	1
2-Butanone	ND		ug/kg	8.6	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	0.21	1
2-Hexanone	ND		ug/kg	8.6	0.57	1
Bromochloromethane	ND		ug/kg	4.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	0.34	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	0.16	1
Methyl Acetate	ND		ug/kg	17	0.23	1
Cyclohexane	ND		ug/kg	17	0.12	1
1,4-Dioxane	ND		ug/kg	34	12.	1
Freon-113	ND		ug/kg	17	0.24	1
Methyl cyclohexane	ND		ug/kg	3.4	0.13	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**53**	Q	70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:29
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	520	57.	1
1,1-Dichloroethane	ND		ug/kg	78	4.4	1
Chloroform	ND		ug/kg	78	19.	1
Carbon tetrachloride	ND		ug/kg	52	11.	1
1,2-Dichloropropane	ND		ug/kg	180	12.	1
Dibromochloromethane	ND		ug/kg	52	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	78	16.	1
Tetrachloroethene	ND		ug/kg	52	7.3	1
Chlorobenzene	ND		ug/kg	52	18.	1
Trichlorofluoromethane	ND		ug/kg	260	20.	1
1,2-Dichloroethane	ND		ug/kg	52	5.9	1
1,1,1-Trichloroethane	ND		ug/kg	52	5.8	1
Bromodichloromethane	ND		ug/kg	52	9.0	1
trans-1,3-Dichloropropene	ND		ug/kg	52	6.3	1
cis-1,3-Dichloropropene	ND		ug/kg	52	6.1	1
Bromoform	ND		ug/kg	210	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	5.2	1
Benzene	25	J	ug/kg	52	6.1	1
Toluene	92		ug/kg	78	10.	1
Ethylbenzene	220		ug/kg	52	6.6	1
Chloromethane	ND		ug/kg	260	15.	1
Bromomethane	ND		ug/kg	100	18.	1
Vinyl chloride	ND		ug/kg	100	6.1	1
Chloroethane	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	52	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	11.	1
Trichloroethene	ND		ug/kg	52	6.5	1
1,2-Dichlorobenzene	ND		ug/kg	260	8.0	1
1,3-Dichlorobenzene	ND		ug/kg	260	7.0	1
1,4-Dichlorobenzene	ND		ug/kg	260	7.2	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	100	4.4	1
p/m-Xylene	440		ug/kg	100	18.	1
o-Xylene	170		ug/kg	100	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	7.4	1
Styrene	ND		ug/kg	100	21.	1
Dichlorodifluoromethane	ND		ug/kg	520	9.9	1
Acetone	ND		ug/kg	520	54.	1
Carbon disulfide	ND		ug/kg	520	57.	1
2-Butanone	ND		ug/kg	520	14.	1
4-Methyl-2-pentanone	ND		ug/kg	520	13.	1
2-Hexanone	ND		ug/kg	520	34.	1
Bromochloromethane	ND		ug/kg	260	14.	1
1,2-Dibromoethane	ND		ug/kg	210	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	20.	1
Isopropylbenzene	49	J	ug/kg	52	5.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	7.7	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	9.4	1
Methyl Acetate	140	J	ug/kg	1000	14.	1
Cyclohexane	ND		ug/kg	1000	7.6	1
1,4-Dioxane	ND		ug/kg	2100	750	1
Freon-113	ND		ug/kg	1000	14.	1
Methyl cyclohexane	260		ug/kg	210	8.0	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	5560	J	ug/kg			1
Unknown	584	J	ug/kg			1
Unknown Naphthalene	858	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	418	NJ	ug/kg			1
Unknown	687	J	ug/kg			1
Unknown Aromatic	508	J	ug/kg			1
Unknown	435	J	ug/kg			1
Unknown Naphthalene	426	J	ug/kg			1
Unknown Naphthalene	422	J	ug/kg			1
Unknown Aromatic	599	J	ug/kg			1
Unknown	618	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 16:55
Analyst: BD
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	210	4
1,1-Dichloroethane	ND		ug/kg	290	16.	4
Chloroform	ND		ug/kg	290	71.	4
Carbon tetrachloride	ND		ug/kg	190	40.	4
1,2-Dichloropropane	ND		ug/kg	680	44.	4
Dibromochloromethane	ND		ug/kg	190	30.	4
1,1,2-Trichloroethane	ND		ug/kg	290	59.	4
Tetrachloroethene	ND		ug/kg	190	27.	4
Chlorobenzene	ND		ug/kg	190	67.	4
Trichlorofluoromethane	ND		ug/kg	960	75.	4
1,2-Dichloroethane	ND		ug/kg	190	22.	4
1,1,1-Trichloroethane	ND		ug/kg	190	21.	4
Bromodichloromethane	ND		ug/kg	190	33.	4
trans-1,3-Dichloropropene	ND		ug/kg	190	23.	4
cis-1,3-Dichloropropene	ND		ug/kg	190	23.	4
Bromoform	ND		ug/kg	770	46.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	19.	4
Benzene	480		ug/kg	190	23.	4
Toluene	2800		ug/kg	290	38.	4
Ethylbenzene	9600		ug/kg	190	24.	4
Chloromethane	ND		ug/kg	960	57.	4
Bromomethane	ND		ug/kg	390	65.	4
Vinyl chloride	ND		ug/kg	390	23.	4
Chloroethane	ND		ug/kg	390	61.	4
1,1-Dichloroethene	ND		ug/kg	190	50.	4
trans-1,2-Dichloroethene	ND		ug/kg	290	41.	4
Trichloroethene	ND		ug/kg	190	24.	4
1,2-Dichlorobenzene	ND		ug/kg	960	30.	4
1,3-Dichlorobenzene	ND		ug/kg	960	26.	4
1,4-Dichlorobenzene	ND		ug/kg	960	27.	4

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	390	16.	4
p/m-Xylene	19000		ug/kg	390	68.	4
o-Xylene	4700		ug/kg	390	65.	4
cis-1,2-Dichloroethene	ND		ug/kg	190	28.	4
Styrene	ND		ug/kg	390	78.	4
Dichlorodifluoromethane	ND		ug/kg	1900	37.	4
Acetone	ND		ug/kg	1900	200	4
Carbon disulfide	ND		ug/kg	1900	210	4
2-Butanone	ND		ug/kg	1900	52.	4
4-Methyl-2-pentanone	ND		ug/kg	1900	47.	4
2-Hexanone	ND		ug/kg	1900	130	4
Bromochloromethane	ND		ug/kg	960	53.	4
1,2-Dibromoethane	ND		ug/kg	770	34.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	960	76.	4
Isopropylbenzene	2400		ug/kg	190	20.	4
1,2,3-Trichlorobenzene	ND		ug/kg	960	28.	4
1,2,4-Trichlorobenzene	ND		ug/kg	960	35.	4
Methyl Acetate	ND		ug/kg	3900	52.	4
Cyclohexane	ND		ug/kg	3900	28.	4
1,4-Dioxane	ND		ug/kg	7700	2800	4
Freon-113	ND		ug/kg	3900	53.	4
Methyl cyclohexane	5900		ug/kg	770	30.	4

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 D Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	138000	J	ug/kg			4
Unknown	25600	J	ug/kg			4
Unknown	8990	J	ug/kg			4
Unknown Benzene	15000	J	ug/kg			4
Unknown	13400	J	ug/kg			4
Unknown	17600	J	ug/kg			4
Unknown Benzene	10000	J	ug/kg			4
Unknown Benzene	12000	J	ug/kg			4
Unknown Aromatic	14000	J	ug/kg			4
Unknown Benzene	12100	J	ug/kg			4
Pentane, 2,3,4-trimethyl-	9710	NJ	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/17 14:09
Analyst: BD
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.0	0.99	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.08	1
Chloroform	ND		ug/kg	1.3	0.33	1
Carbon tetrachloride	ND		ug/kg	0.90	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.20	1
Dibromochloromethane	ND		ug/kg	0.90	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.27	1
Tetrachloroethene	ND		ug/kg	0.90	0.12	1
Chlorobenzene	ND		ug/kg	0.90	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.90	0.10	1
Bromodichloromethane	ND		ug/kg	0.90	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.90	0.10	1
Bromoform	ND		ug/kg	3.6	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.90	0.09	1
Benzene	2.7		ug/kg	0.90	0.10	1
Toluene	0.48	J	ug/kg	1.3	0.17	1
Ethylbenzene	1.5		ug/kg	0.90	0.11	1
Chloromethane	ND		ug/kg	4.5	0.26	1
Bromomethane	ND		ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.10	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Trichloroethene	ND		ug/kg	0.90	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.12	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	10		ug/kg	1.8	0.31	1
o-Xylene	0.37	J	ug/kg	1.8	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.13	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.17	1
Acetone	38		ug/kg	9.0	0.93	1
Carbon disulfide	ND		ug/kg	9.0	0.99	1
2-Butanone	ND		ug/kg	9.0	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	0.22	1
2-Hexanone	ND		ug/kg	9.0	0.60	1
Bromochloromethane	ND		ug/kg	4.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	0.35	1
Isopropylbenzene	8.8		ug/kg	0.90	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.16	1
Methyl Acetate	ND		ug/kg	18	0.24	1
Cyclohexane	ND		ug/kg	18	0.13	1
1,4-Dioxane	ND		ug/kg	36	13.	1
Freon-113	ND		ug/kg	18	0.24	1
Methyl cyclohexane	25		ug/kg	3.6	0.14	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	216	J	ug/kg			1
Unknown	15.9	J	ug/kg			1
Unknown Benzene	19.9	J	ug/kg			1
Unknown	30.3	J	ug/kg			1
Unknown Benzene	15.0	J	ug/kg			1
Unknown Aromatic	21.1	J	ug/kg			1
Unknown	14.4	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	17.2	NJ	ug/kg			1
Unknown	26.0	J	ug/kg			1
Pentane, 2-methyl-	16.9	NJ	ug/kg			1
Unknown Aromatic	39.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	93		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					
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
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
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	29	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					
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	18.
o-Xylene	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	560		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
Methyl Acetate	ND		ug/kg	1000	14.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	2000	720
Freon-113	ND		ug/kg	1000	14.
Methyl cyclohexane	ND		ug/kg	200	7.7

Tentatively Identified Compounds			
Total TIC Compounds	104	J	ug/kg
Unknown	104	J	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,06,08 Batch: WG984851-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					
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
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
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.84	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	14		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds			
Total TIC Compounds	2.95	J	ug/kg
Unknown	2.95	J	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 07:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG985009-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					
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
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
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
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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					
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	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
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
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	0.15	J	ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/17 06:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG985122-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
Methylene chloride	106		102		70-130	4		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	104		105		70-130	1		30
Carbon tetrachloride	101		100		70-130	1		30
1,2-Dichloropropane	101		103		70-130	2		30
Dibromochloromethane	106		111		70-130	5		30
1,1,2-Trichloroethane	99		103		70-130	4		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	100		99		70-130	1		30
Trichlorofluoromethane	104		102		70-139	2		30
1,2-Dichloroethane	103		105		70-130	2		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	107		110		70-130	3		30
cis-1,3-Dichloropropene	108		110		70-130	2		30
Bromoform	96		99		70-130	3		30
1,1,2,2-Tetrachloroethane	96		100		70-130	4		30
Benzene	101		100		70-130	1		30
Toluene	97		96		70-130	1		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	105		101		52-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
Bromomethane	112		110		57-147	2		30
Vinyl chloride	105		106		67-130	1		30
Chloroethane	104		102		50-151	2		30
1,1-Dichloroethene	100		98		65-135	2		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	99		96		70-130	3		30
1,4-Dichlorobenzene	99		96		70-130	3		30
Methyl tert butyl ether	107		110		66-130	3		30
p/m-Xylene	97		96		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	96		96		30-146	0		30
Acetone	107		108		54-140	1		30
Carbon disulfide	80		80		59-130	0		30
2-Butanone	98		107		70-130	9		30
4-Methyl-2-pentanone	92		101		70-130	9		30
2-Hexanone	92		100		70-130	8		30
Bromochloromethane	104		107		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,06,08 Batch: WG984851-3 WG984851-4								
1,2-Dibromoethane	98		104		70-130	6		30
1,2-Dibromo-3-chloropropane	92		101		68-130	9		30
Isopropylbenzene	96		92		70-130	4		30
1,2,3-Trichlorobenzene	101		99		70-130	2		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
Methyl Acetate	105		112		51-146	6		30
Cyclohexane	98		97		59-142	1		30
1,4-Dioxane	96		106		65-136	10		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		106		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	103		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
Methylene chloride	112		102		70-130	9		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	102		105		70-130	3		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	95		98		70-130	3		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	103		104		70-130	1		30
Toluene	95		94		70-130	1		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	108		102		52-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
Bromomethane	102		99		57-147	3		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	103		101		65-135	2		30
trans-1,2-Dichloroethene	103		102		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	90		92		70-130	2		30
Methyl tert butyl ether	110		110		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	127		104		54-140	20		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	80		87		70-130	8		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	**62**	Q	**63**	Q	70-130	2		30
Bromochloromethane	108		108		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG985009-3 WG985009-4								
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	89		92		70-130	3		30
1,2,4-Trichlorobenzene	90		92		70-130	2		30
Methyl Acetate	102		101		51-146	1		30
Cyclohexane	101		100		59-142	1		30
1,4-Dioxane	89		93		65-136	4		30
Freon-113	103		100		50-139	3		30
Methyl cyclohexane	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
Methylene chloride	112		102		70-130	9		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	107		107		70-130	0		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	102		105		70-130	3		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	95		98		70-130	3		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	103		104		70-130	1		30
Toluene	95		94		70-130	1		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	108		102		52-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
Bromomethane	102		99		57-147	3		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	103		101		65-135	2		30
trans-1,2-Dichloroethene	103		102		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	90		92		70-130	2		30
Methyl tert butyl ether	110		110		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	127		104		54-140	20		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	80		87		70-130	8		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	**62**	Q	**63**	Q	70-130	2		30
Bromochloromethane	108		108		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG985122-3 WG985122-4								
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	92		94		70-130	2		30
1,2,3-Trichlorobenzene	89		92		70-130	3		30
1,2,4-Trichlorobenzene	90		92		70-130	2		30
Methyl Acetate	102		101		51-146	1		30
Cyclohexane	101		100		59-142	1		30
1,4-Dioxane	89		93		65-136	4		30
Freon-113	103		100		50-139	3		30
Methyl cyclohexane	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 00:52
Analyst: CB
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	200	68.	1
Butyl benzyl phthalate	130	J	ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	190		ug/kg	120	22.	1
Benzo(a)pyrene	210		ug/kg	160	48.	1
Benzo(b)fluoranthene	350		ug/kg	120	33.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	220		ug/kg	120	20.	1
Acenaphthylene	50	J	ug/kg	160	30.	1
Anthracene	44	J	ug/kg	120	38.	1
Benzo(ghi)perylene	170		ug/kg	160	23.	1
Fluorene	21	J	ug/kg	200	19.	1
Phenanthrene	160		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	160	27.	1
Pyrene	370		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	60	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	27	J	ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	22	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	110	J	ug/kg	260	53.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	33500	J	ug/kg			1
Unknown	258	J	ug/kg			1
Unknown	2640	J	ug/kg			1
Unknown Alkane	5250	J	ug/kg			1
Unknown	3520	J	ug/kg			1
Unknown Naphthalene	161	J	ug/kg			1
Unknown Naphthalene	168	J	ug/kg			1
Unknown	3950	J	ug/kg			1
Unknown	1260	J	ug/kg			1
Unknown	1430	J	ug/kg			1
Unknown Alkane	480	J	ug/kg			1
Unknown	1160	J	ug/kg			1
Unknown	2160	J	ug/kg			1
Unknown	4800	J	ug/kg			1
Vitamin E	281	NJ	ug/kg			1
Unknown	3220	J	ug/kg			1
Unknown	515	J	ug/kg			1
Unknown	2270	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	75		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/13/17 04:24
Analyst: RC
Percent Solids: 90%

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3600	470	25
Hexachlorobenzene	ND		ug/kg	2700	510	25
Bis(2-chloroethyl)ether	ND		ug/kg	4100	620	25
2-Chloronaphthalene	ND		ug/kg	4500	450	25
3,3'-Dichlorobenzidine	ND		ug/kg	4500	1200	25
2,4-Dinitrotoluene	ND		ug/kg	4500	910	25
2,6-Dinitrotoluene	ND		ug/kg	4500	780	25
Fluoranthene	ND		ug/kg	2700	520	25
4-Chlorophenyl phenyl ether	ND		ug/kg	4500	490	25
4-Bromophenyl phenyl ether	ND		ug/kg	4500	690	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	5400	780	25
Bis(2-chloroethoxy)methane	ND		ug/kg	4900	460	25
Hexachlorobutadiene	ND		ug/kg	4500	660	25
Hexachlorocyclopentadiene	ND		ug/kg	13000	4100	25
Hexachloroethane	ND		ug/kg	3600	740	25
Isophorone	ND		ug/kg	4100	590	25
Naphthalene	ND		ug/kg	4500	550	25
Nitrobenzene	ND		ug/kg	4100	670	25
NDPA/DPA	ND		ug/kg	3600	520	25
n-Nitrosodi-n-propylamine	ND		ug/kg	4500	700	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4500	1600	25
Butyl benzyl phthalate	ND		ug/kg	4500	1100	25
Di-n-butylphthalate	ND		ug/kg	4500	860	25
Di-n-octylphthalate	ND		ug/kg	4500	1500	25
Diethyl phthalate	ND		ug/kg	4500	420	25
Dimethyl phthalate	ND		ug/kg	4500	950	25
Benzo(a)anthracene	ND		ug/kg	2700	510	25
Benzo(a)pyrene	ND		ug/kg	3600	1100	25
Benzo(b)fluoranthene	ND		ug/kg	2700	760	25
Benzo(k)fluoranthene	ND		ug/kg	2700	730	25

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	2700	470	25
Acenaphthylene	ND		ug/kg	3600	700	25
Anthracene	1000	J	ug/kg	2700	880	25
Benzo(ghi)perylene	ND		ug/kg	3600	530	25
Fluorene	ND		ug/kg	4500	440	25
Phenanthrene	14000		ug/kg	2700	550	25
Dibenzo(a,h)anthracene	ND		ug/kg	2700	520	25
Indeno(1,2,3-cd)pyrene	ND		ug/kg	3600	630	25
Pyrene	620	J	ug/kg	2700	450	25
Biphenyl	7000	J	ug/kg	10000	1000	25
4-Chloroaniline	ND		ug/kg	4500	830	25
2-Nitroaniline	ND		ug/kg	4500	880	25
3-Nitroaniline	ND		ug/kg	4500	860	25
4-Nitroaniline	ND		ug/kg	4500	1900	25
Dibenzofuran	ND		ug/kg	4500	430	25
2-Methylnaphthalene	17000		ug/kg	5400	550	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4500	470	25
Acetophenone	ND		ug/kg	4500	560	25
2,4,6-Trichlorophenol	ND		ug/kg	2700	860	25
p-Chloro-m-cresol	ND		ug/kg	4500	680	25
2-Chlorophenol	ND		ug/kg	4500	540	25
2,4-Dichlorophenol	ND		ug/kg	4100	730	25
2,4-Dimethylphenol	ND		ug/kg	4500	1500	25
2-Nitrophenol	ND		ug/kg	9800	1700	25
4-Nitrophenol	ND		ug/kg	6400	1800	25
2,4-Dinitrophenol	ND		ug/kg	22000	2100	25
4,6-Dinitro-o-cresol	ND		ug/kg	12000	2200	25
Pentachlorophenol	ND		ug/kg	3600	1000	25
Phenol	ND		ug/kg	4500	690	25
2-Methylphenol	ND		ug/kg	4500	700	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	6500	710	25
2,4,5-Trichlorophenol	ND		ug/kg	4500	870	25
Carbazole	ND		ug/kg	4500	440	25
Atrazine	ND		ug/kg	3600	1600	25
Benzaldehyde	ND		ug/kg	6000	1200	25
Caprolactam	ND		ug/kg	4500	1400	25
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4500	920	25

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02 D Date Collected: 03/06/17 13:45

Client ID: GP01_5-7.5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	436000	J	ug/kg			25
Unknown Naphthalene	27400	J	ug/kg			25
Unknown Naphthalene	16900	J	ug/kg			25
Unknown Naphthalene	22800	J	ug/kg			25
Unknown	18600	J	ug/kg			25
Unknown Naphthalene	23700	J	ug/kg			25
Unknown Alkane	32200	J	ug/kg			25
Unknown Naphthalene	30300	J	ug/kg			25
Unknown Naphthalene	39800	J	ug/kg			25
Unknown Alkane	47900	J	ug/kg			25
Unknown Naphthalene	32700	J	ug/kg			25
Unknown Alkane	39900	J	ug/kg			25
Unknown	38800	J	ug/kg			25
Unknown Alkane	21000	J	ug/kg			25
Unknown Naphthalene	25500	J	ug/kg			25
Unknown	18100	J	ug/kg			25

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

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 01:18
Analyst: CB
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	210		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	130		ug/kg	120	33.	1
Benzo(k)fluoranthene	48	J	ug/kg	120	31.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	98	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	39	J	ug/kg	120	38.	1
Benzo(ghi)perylene	60	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	150		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	66	J	ug/kg	150	27.	1
Pyrene	180		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	8350	J	ug/kg			1
Unknown	1080	J	ug/kg			1
Unknown	374	J	ug/kg			1
Unknown	843	J	ug/kg			1
Unknown	156	J	ug/kg			1
Unknown	275	J	ug/kg			1
Unknown	473	J	ug/kg			1
Unknown	2060	J	ug/kg			1
Unknown	2350	J	ug/kg			1
Unknown	161	J	ug/kg			1
Unknown	195	J	ug/kg			1
Unknown Alkane	385	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	82		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 01:44
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	150		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	180		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	82	J	ug/kg	110	21.	1
Benzo(a)pyrene	98	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	130		ug/kg	110	31.	1
Benzo(k)fluoranthene	43	J	ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	78	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	73	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	59	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	466	J	ug/kg			1
Unknown PAH	192	J	ug/kg			1
Unknown Amide	274	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	**4**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/12/17 21:17
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	81	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	53	J	ug/kg	110	21.	1
Benzo(a)pyrene	56	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	82	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	59	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	35	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	150	26.	1
Pyrene	81	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 RE Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	557	J	ug/kg			1
Unknown	337	J	ug/kg			1
Unknown	220	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	48		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/09/17 23:59
Analyst: SZ
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	36	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	27	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	964	J	ug/kg			1
Unknown Amide	964	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	109		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	113		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/12/17 21:43
Analyst: SZ
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	35	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	27	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 RE
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3180	J	ug/kg			1
Unknown	1450	J	ug/kg			1
Unknown	464	J	ug/kg			1
Unknown Amide	892	J	ug/kg			1
Unknown	228	J	ug/kg			1
Unknown	146	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**2**	Q	25-120
Phenol-d6	21		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	59		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 14:52
Analyst: RC
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	630		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	45.	1
Benzo(b)fluoranthene	1500		ug/kg	110	31.	1
Benzo(k)fluoranthene	540		ug/kg	110	29.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	1500		ug/kg	110	19.	1
Acenaphthylene	380		ug/kg	150	28.	1
Anthracene	1200		ug/kg	110	36.	1
Benzo(ghi)perylene	640		ug/kg	150	22.	1
Fluorene	970		ug/kg	180	18.	1
Phenanthrene	3900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	720		ug/kg	150	26.	1
Pyrene	3100		ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	520		ug/kg	180	17.	1
2-Methylnaphthalene	790		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	340		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	20100	J	ug/kg			1
Unknown PAH	577	J	ug/kg			1
Unknown PAH	608	J	ug/kg			1
Unknown	310	J	ug/kg			1
Unknown	334	J	ug/kg			1
Unknown	2590	J	ug/kg			1
Unknown Alkane	347	J	ug/kg			1
Unknown Thiophene	347	J	ug/kg			1
Unknown Alkane	411	J	ug/kg			1
Unknown Benzene	1470	J	ug/kg			1
Unknown Benzene	1320	J	ug/kg			1
Unknown Naphthalene	283	J	ug/kg			1
Unknown PAH	937	J	ug/kg			1
Unknown Naphthalene	488	J	ug/kg			1
Unknown	313	J	ug/kg			1
Unknown Benzene	266	J	ug/kg			1
Unknown Benzene	6230	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown Benzene	2290	J	ug/kg			1
Unknown Naphthalene	409	J	ug/kg			1
Unknown Naphthalene	280	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/14/17 05:49
Analyst: KV
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	360	J	ug/kg	750	97.	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	840	130	5
2-Chloronaphthalene	ND		ug/kg	940	93.	5
3,3'-Dichlorobenzidine	ND		ug/kg	940	250	5
2,4-Dinitrotoluene	ND		ug/kg	940	190	5
2,6-Dinitrotoluene	ND		ug/kg	940	160	5
Fluoranthene	1800		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	940	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	940	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	94.	5
Hexachlorobutadiene	ND		ug/kg	940	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	850	5
Hexachloroethane	ND		ug/kg	750	150	5
Isophorone	ND		ug/kg	840	120	5
Naphthalene	680	J	ug/kg	940	110	5
Nitrobenzene	ND		ug/kg	840	140	5
NDPA/DPA	ND		ug/kg	750	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	940	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	940	320	5
Butyl benzyl phthalate	ND		ug/kg	940	240	5
Di-n-butylphthalate	ND		ug/kg	940	180	5
Di-n-octylphthalate	ND		ug/kg	940	320	5
Diethyl phthalate	ND		ug/kg	940	86.	5
Dimethyl phthalate	ND		ug/kg	940	200	5
Benzo(a)anthracene	720		ug/kg	560	100	5
Benzo(a)pyrene	590	J	ug/kg	750	230	5
Benzo(b)fluoranthene	730		ug/kg	560	160	5
Benzo(k)fluoranthene	200	J	ug/kg	560	150	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	640		ug/kg	560	97.	5
Acenaphthylene	ND		ug/kg	750	140	5
Anthracene	530	J	ug/kg	560	180	5
Benzo(ghi)perylene	310	J	ug/kg	750	110	5
Fluorene	540	J	ug/kg	940	91.	5
Phenanthrene	1900		ug/kg	560	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	330	J	ug/kg	750	130	5
Pyrene	1500		ug/kg	560	93.	5
Biphenyl	ND		ug/kg	2100	220	5
4-Chloroaniline	ND		ug/kg	940	170	5
2-Nitroaniline	ND		ug/kg	940	180	5
3-Nitroaniline	ND		ug/kg	940	180	5
4-Nitroaniline	ND		ug/kg	940	390	5
Dibenzofuran	300	J	ug/kg	940	88.	5
2-Methylnaphthalene	490	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	940	98.	5
Acetophenone	ND		ug/kg	940	120	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	940	140	5
2-Chlorophenol	ND		ug/kg	940	110	5
2,4-Dichlorophenol	ND		ug/kg	840	150	5
2,4-Dimethylphenol	ND		ug/kg	940	310	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	750	200	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	150	5
2,4,5-Trichlorophenol	ND		ug/kg	940	180	5
Carbazole	190	J	ug/kg	940	91.	5
Atrazine	ND		ug/kg	750	330	5
Benzaldehyde	ND		ug/kg	1200	250	5
Caprolactam	ND		ug/kg	940	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	940	190	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 RE\D Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**13**	Q	25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	38		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/15/17 15:21
Analyst: SZ
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/14/17 10:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1400		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	660		ug/kg	110	21.	1
Benzo(a)pyrene	480		ug/kg	150	46.	1
Benzo(b)fluoranthene	620		ug/kg	110	32.	1
Benzo(k)fluoranthene	230		ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	600		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	340		ug/kg	110	36.	1
Benzo(ghi)perylene	240		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	150	26.	1
Pyrene	1100		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	1400		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	300		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9500	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown	503	J	ug/kg			1
Unknown Benzene	895	J	ug/kg			1
Unknown Naphthalene	225	J	ug/kg			1
Unknown	311	J	ug/kg			1
Unknown PAH	158	J	ug/kg			1
Unknown Benzene	189	J	ug/kg			1
Unknown Indene	316	J	ug/kg			1
Unknown PAH	327	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown Benzene	418	J	ug/kg			1
Unknown	395	J	ug/kg			1
Unknown	664	J	ug/kg			1
Unknown Benzene	1100	J	ug/kg			1
Unknown Naphthalene	255	J	ug/kg			1
Unknown	360	J	ug/kg			1
Unknown	751	J	ug/kg			1
Unknown Benzene	337	J	ug/kg			1
Unknown Naphthalene	203	J	ug/kg			1
Unknown	1470	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	62		18-120

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/17 15:43
Analyst: RC
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	71	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	79	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	200		ug/kg	110	21.	1
Benzo(a)pyrene	170		ug/kg	150	45.	1
Benzo(b)fluoranthene	230		ug/kg	110	31.	1
Benzo(k)fluoranthene	74	J	ug/kg	110	30.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	200		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	28.	1
Anthracene	160		ug/kg	110	36.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	120	J	ug/kg	180	18.	1
Phenanthrene	500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	26.	1
Pyrene	430		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	62	J	ug/kg	180	18.	1
2-Methylnaphthalene	68	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	58	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	5460	J	ug/kg			1
Unknown Benzene	1480	J	ug/kg			1
Unknown Benzene	3980	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	67		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/09/17 14:09
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/09/17 00:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG984040-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	69		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/12/17 19:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/11/17 13:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG984834-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	75		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/14/17 00:44
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 03/13/17 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG985100-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	85		18-120

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/15/17 09:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/14/17 02:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG985305-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	103		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Acenaphthene	71		83		31-137	16		50
Hexachlorobenzene	73		87		40-140	18		50
Bis(2-chloroethyl)ether	65		74		40-140	13		50
2-Chloronaphthalene	74		86		40-140	15		50
3,3'-Dichlorobenzidine	50		56		40-140	11		50
2,4-Dinitrotoluene	73		86		40-132	16		50
2,6-Dinitrotoluene	86		101		40-140	16		50
Fluoranthene	77		91		40-140	17		50
4-Chlorophenyl phenyl ether	73		85		40-140	15		50
4-Bromophenyl phenyl ether	75		88		40-140	16		50
Bis(2-chloroisopropyl)ether	70		79		40-140	12		50
Bis(2-chloroethoxy)methane	73		84		40-117	14		50
Hexachlorobutadiene	66		78		40-140	17		50
Hexachlorocyclopentadiene	78		90		40-140	14		50
Hexachloroethane	66		78		40-140	17		50
Isophorone	74		89		40-140	18		50
Naphthalene	68		79		40-140	15		50
Nitrobenzene	71		84		40-140	17		50
NDPA/DPA	76		91		36-157	18		50
n-Nitrosodi-n-propylamine	74		86		32-121	15		50
Bis(2-ethylhexyl)phthalate	75		88		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Butyl benzyl phthalate	77		90		40-140	16		50
Di-n-butylphthalate	81		96		40-140	17		50
Di-n-octylphthalate	79		91		40-140	14		50
Diethyl phthalate	76		90		40-140	17		50
Dimethyl phthalate	80		94		40-140	16		50
Benzo(a)anthracene	74		87		40-140	16		50
Benzo(a)pyrene	77		90		40-140	16		50
Benzo(b)fluoranthene	76		90		40-140	17		50
Benzo(k)fluoranthene	75		87		40-140	15		50
Chrysene	71		83		40-140	16		50
Acenaphthylene	78		92		40-140	16		50
Anthracene	75		88		40-140	16		50
Benzo(ghi)perylene	72		85		40-140	17		50
Fluorene	74		88		40-140	17		50
Phenanthrene	72		85		40-140	17		50
Dibenzo(a,h)anthracene	72		85		40-140	17		50
Indeno(1,2,3-cd)pyrene	77		88		40-140	13		50
Pyrene	76		90		35-142	17		50
Biphenyl	75		89		54-104	17		50
4-Chloroaniline	46		49		40-140	6		50
2-Nitroaniline	83		100		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
3-Nitroaniline	62		72		26-129	15		50
4-Nitroaniline	75		88		41-125	16		50
Dibenzofuran	73		84		40-140	14		50
2-Methylnaphthalene	72		84		40-140	15		50
1,2,4,5-Tetrachlorobenzene	74		85		40-117	14		50
Acetophenone	74		86		14-144	15		50
2,4,6-Trichlorophenol	84		101		30-130	18		50
p-Chloro-m-cresol	82		98		26-103	18		50
2-Chlorophenol	73		86		25-102	16		50
2,4-Dichlorophenol	79		94		30-130	17		50
2,4-Dimethylphenol	84		97		30-130	14		50
2-Nitrophenol	79		93		30-130	16		50
4-Nitrophenol	73		84		11-114	14		50
2,4-Dinitrophenol	20		22		4-130	10		50
4,6-Dinitro-o-cresol	63		74		10-130	16		50
Pentachlorophenol	65		77		17-109	17		50
Phenol	70		82		26-90	16		50
2-Methylphenol	74		87		30-130.	16		50
3-Methylphenol/4-Methylphenol	75		89		30-130	17		50
2,4,5-Trichlorophenol	86		104		30-130	19		50
Carbazole	75		88		54-128	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG984040-2 WG984040-3								
Atrazine	86		101		40-140	16		50
Benzaldehyde	61		70		40-140	14		50
Caprolactam	88		105		15-130	18		50
2,3,4,6-Tetrachlorophenol	76		92		40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		77		25-120
Phenol-d6	70		80		10-120
Nitrobenzene-d5	69		78		23-120
2-Fluorobiphenyl	69		79		30-120
2,4,6-Tribromophenol	75		88		10-136
4-Terphenyl-d14	71		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Acenaphthene	80		80		31-137	0		50
Hexachlorobenzene	70		70		40-140	0		50
Bis(2-chloroethyl)ether	86		86		40-140	0		50
2-Chloronaphthalene	79		81		40-140	3		50
3,3'-Dichlorobenzidine	52		51		40-140	2		50
2,4-Dinitrotoluene	92		92		40-132	0		50
2,6-Dinitrotoluene	100		97		40-140	3		50
Fluoranthene	84		82		40-140	2		50
4-Chlorophenyl phenyl ether	76		75		40-140	1		50
4-Bromophenyl phenyl ether	72		72		40-140	0		50
Bis(2-chloroisopropyl)ether	95		96		40-140	1		50
Bis(2-chloroethoxy)methane	88		90		40-117	2		50
Hexachlorobutadiene	70		68		40-140	3		50
Hexachlorocyclopentadiene	69		68		40-140	1		50
Hexachloroethane	82		82		40-140	0		50
Isophorone	90		91		40-140	1		50
Naphthalene	77		77		40-140	0		50
Nitrobenzene	100		102		40-140	2		50
NDPA/DPA	82		82		36-157	0		50
n-Nitrosodi-n-propylamine	92		94		32-121	2		50
Bis(2-ethylhexyl)phthalate	98		96		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Butyl benzyl phthalate	95		89		40-140	7		50
Di-n-butylphthalate	93		91		40-140	2		50
Di-n-octylphthalate	100		96		40-140	4		50
Diethyl phthalate	85		84		40-140	1		50
Dimethyl phthalate	83		82		40-140	1		50
Benzo(a)anthracene	81		80		40-140	1		50
Benzo(a)pyrene	78		76		40-140	3		50
Benzo(b)fluoranthene	77		75		40-140	3		50
Benzo(k)fluoranthene	78		76		40-140	3		50
Chrysene	78		76		40-140	3		50
Acenaphthylene	87		87		40-140	0		50
Anthracene	86		84		40-140	2		50
Benzo(ghi)perylene	74		74		40-140	0		50
Fluorene	83		82		40-140	1		50
Phenanthrene	84		81		40-140	4		50
Dibenzo(a,h)anthracene	73		72		40-140	1		50
Indeno(1,2,3-cd)pyrene	74		74		40-140	0		50
Pyrene	84		81		35-142	4		50
Biphenyl	83		82		54-104	1		50
4-Chloroaniline	89		88		40-140	1		50
2-Nitroaniline	102		100		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
3-Nitroaniline	70		67		26-129	4		50
4-Nitroaniline	91		89		41-125	2		50
Dibenzofuran	81		80		40-140	1		50
2-Methylnaphthalene	82		82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	72		72		40-117	0		50
Acetophenone	84		86		14-144	2		50
2,4,6-Trichlorophenol	84		84		30-130	0		50
p-Chloro-m-cresol	92		91		26-103	1		50
2-Chlorophenol	84		84		25-102	0		50
2,4-Dichlorophenol	88		90		30-130	2		50
2,4-Dimethylphenol	97		99		30-130	2		50
2-Nitrophenol	93		96		30-130	3		50
4-Nitrophenol	**125**	Q	**122**	Q	11-114	2		50
2,4-Dinitrophenol	77		73		4-130	5		50
4,6-Dinitro-o-cresol	94		93		10-130	1		50
Pentachlorophenol	70		67		17-109	4		50
Phenol	85		86		26-90	1		50
2-Methylphenol	92		94		30-130.	2		50
3-Methylphenol/4-Methylphenol	98		100		30-130	2		50
2,4,5-Trichlorophenol	85		83		30-130	2		50
Carbazole	87		84		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG984834-2 WG984834-3								
Atrazine	82		80		40-140	2		50
Benzaldehyde	68		68		40-140	0		50
Caprolactam	116		114		15-130	2		50
2,3,4,6-Tetrachlorophenol	75		73		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		83		25-120
Phenol-d6	90		89		10-120
Nitrobenzene-d5	96		94		23-120
2-Fluorobiphenyl	75		73		30-120
2,4,6-Tribromophenol	73		69		10-136
4-Terphenyl-d14	71		66		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Acenaphthene	64		57		31-137	12		50
Hexachlorobenzene	68		60		40-140	13		50
Bis(2-chloroethyl)ether	67		60		40-140	11		50
2-Chloronaphthalene	70		62		40-140	12		50
3,3'-Dichlorobenzidine	**36**	Q	**33**	Q	40-140	9		50
2,4-Dinitrotoluene	73		63		40-132	15		50
2,6-Dinitrotoluene	84		72		40-140	15		50
Fluoranthene	73		62		40-140	16		50
4-Chlorophenyl phenyl ether	68		60		40-140	13		50
4-Bromophenyl phenyl ether	69		60		40-140	14		50
Bis(2-chloroisopropyl)ether	66		61		40-140	8		50
Bis(2-chloroethoxy)methane	72		66		40-117	9		50
Hexachlorobutadiene	63		57		40-140	10		50
Hexachlorocyclopentadiene	74		65		40-140	13		50
Hexachloroethane	67		63		40-140	6		50
Isophorone	74		68		40-140	8		50
Naphthalene	64		58		40-140	10		50
Nitrobenzene	73		68		40-140	7		50
NDPA/DPA	72		62		36-157	15		50
n-Nitrosodi-n-propylamine	74		68		32-121	8		50
Bis(2-ethylhexyl)phthalate	69		59		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Butyl benzyl phthalate	73		62		40-140	16		50
Di-n-butylphthalate	75		63		40-140	17		50
Di-n-octylphthalate	73		63		40-140	15		50
Diethyl phthalate	70		60		40-140	15		50
Dimethyl phthalate	75		65		40-140	14		50
Benzo(a)anthracene	69		61		40-140	12		50
Benzo(a)pyrene	73		64		40-140	13		50
Benzo(b)fluoranthene	74		65		40-140	13		50
Benzo(k)fluoranthene	69		60		40-140	14		50
Chrysene	65		57		40-140	13		50
Acenaphthylene	78		68		40-140	14		50
Anthracene	71		61		40-140	15		50
Benzo(ghi)perylene	69		61		40-140	12		50
Fluorene	69		61		40-140	12		50
Phenanthrene	68		58		40-140	16		50
Dibenzo(a,h)anthracene	69		61		40-140	12		50
Indeno(1,2,3-cd)pyrene	72		63		40-140	13		50
Pyrene	72		61		35-142	17		50
Biphenyl	72		63		54-104	13		50
4-Chloroaniline	**36**	Q	**32**	Q	40-140	12		50
2-Nitroaniline	81		72		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
3-Nitroaniline	51		48		26-129	6		50
4-Nitroaniline	71		60		41-125	17		50
Dibenzofuran	67		59		40-140	13		50
2-Methylnaphthalene	70		62		40-140	12		50
1,2,4,5-Tetrachlorobenzene	69		61		40-117	12		50
Acetophenone	74		69		14-144	7		50
2,4,6-Trichlorophenol	84		74		30-130	13		50
p-Chloro-m-cresol	79		71		26-103	11		50
2-Chlorophenol	75		68		25-102	10		50
2,4-Dichlorophenol	80		74		30-130	8		50
2,4-Dimethylphenol	82		76		30-130	8		50
2-Nitrophenol	85		76		30-130	11		50
4-Nitrophenol	78		67		11-114	15		50
2,4-Dinitrophenol	62		54		4-130	14		50
4,6-Dinitro-o-cresol	78		66		10-130	17		50
Pentachlorophenol	66		56		17-109	16		50
Phenol	71		65		26-90	9		50
2-Methylphenol	74		69		30-130.	7		50
3-Methylphenol/4-Methylphenol	78		71		30-130	9		50
2,4,5-Trichlorophenol	84		73		30-130	14		50
Carbazole	71		60		54-128	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG985100-2 WG985100-3								
Atrazine	74		63		40-140	16		50
Benzaldehyde	60		56		40-140	7		50
Caprolactam	85		74		15-130	14		50
2,3,4,6-Tetrachlorophenol	75		66		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		64		25-120
Phenol-d6	72		65		10-120
Nitrobenzene-d5	71		64		23-120
2-Fluorobiphenyl	65		58		30-120
2,4,6-Tribromophenol	76		65		10-136
4-Terphenyl-d14	66		56		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Acenaphthene	81		78		31-137	4		50
Hexachlorobenzene	98		93		40-140	5		50
Bis(2-chloroethyl)ether	80		77		40-140	4		50
2-Chloronaphthalene	93		90		40-140	3		50
3,3'-Dichlorobenzidine	48		50		40-140	4		50
2,4-Dinitrotoluene	100		96		40-132	4		50
2,6-Dinitrotoluene	99		96		40-140	3		50
Fluoranthene	93		85		40-140	9		50
4-Chlorophenyl phenyl ether	91		86		40-140	6		50
4-Bromophenyl phenyl ether	89		87		40-140	2		50
Bis(2-chloroisopropyl)ether	57		55		40-140	4		50
Bis(2-chloroethoxy)methane	82		78		40-117	5		50
Hexachlorobutadiene	84		83		40-140	1		50
Hexachlorocyclopentadiene	96		94		40-140	2		50
Hexachloroethane	81		78		40-140	4		50
Isophorone	80		76		40-140	5		50
Naphthalene	85		83		40-140	2		50
Nitrobenzene	83		79		40-140	5		50
NDPA/DPA	93		88		36-157	6		50
n-Nitrosodi-n-propylamine	77		74		32-121	4		50
Bis(2-ethylhexyl)phthalate	103		97		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Butyl benzyl phthalate	101		92		40-140	9		50
Di-n-butylphthalate	96		89		40-140	8		50
Di-n-octylphthalate	109		102		40-140	7		50
Diethyl phthalate	91		87		40-140	4		50
Dimethyl phthalate	94		88		40-140	7		50
Benzo(a)anthracene	91		86		40-140	6		50
Benzo(a)pyrene	103		95		40-140	8		50
Benzo(b)fluoranthene	102		95		40-140	7		50
Benzo(k)fluoranthene	100		95		40-140	5		50
Chrysene	91		86		40-140	6		50
Acenaphthylene	96		92		40-140	4		50
Anthracene	95		88		40-140	8		50
Benzo(ghi)perylene	96		91		40-140	5		50
Fluorene	92		86		40-140	7		50
Phenanthrene	93		86		40-140	8		50
Dibenzo(a,h)anthracene	99		94		40-140	5		50
Indeno(1,2,3-cd)pyrene	97		91		40-140	6		50
Pyrene	93		85		35-142	9		50
Biphenyl	102		98		54-104	4		50
4-Chloroaniline	42		45		40-140	7		50
2-Nitroaniline	102		98		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
3-Nitroaniline	69		68		26-129	1		50
4-Nitroaniline	96		89		41-125	8		50
Dibenzofuran	92		88		40-140	4		50
2-Methylnaphthalene	90		86		40-140	5		50
1,2,4,5-Tetrachlorobenzene	87		84		40-117	4		50
Acetophenone	99		94		14-144	5		50
2,4,6-Trichlorophenol	98		94		30-130	4		50
p-Chloro-m-cresol	96		92		26-103	4		50
2-Chlorophenol	90		87		25-102	3		50
2,4-Dichlorophenol	96		91		30-130	5		50
2,4-Dimethylphenol	97		94		30-130	3		50
2-Nitrophenol	94		93		30-130	1		50
4-Nitrophenol	91		87		11-114	4		50
2,4-Dinitrophenol	68		59		4-130	14		50
4,6-Dinitro-o-cresol	91		89		10-130	2		50
Pentachlorophenol	83		82		17-109	1		50
Phenol	86		83		26-90	4		50
2-Methylphenol	90		87		30-130.	3		50
3-Methylphenol/4-Methylphenol	92		88		30-130	4		50
2,4,5-Trichlorophenol	102		96		30-130	6		50
Carbazole	94		87		54-128	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG985305-2 WG985305-3								
Atrazine	102		95		40-140	7		50
Benzaldehyde	74		68		40-140	8		50
Caprolactam	73		70		15-130	4		50
2,3,4,6-Tetrachlorophenol	91		88		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		83		25-120
Phenol-d6	85		83		10-120
Nitrobenzene-d5	75		73		23-120
2-Fluorobiphenyl	86		81		30-120
2,4,6-Tribromophenol	97		93		10-136
4-Terphenyl-d14	87		81		18-120

PCBS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-01	Date Collected:	03/06/17 12:05
Client ID:	GP01_0-5	Date Received:	03/06/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 18:45	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	83%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	3.15	1	A
Aroclor 1221	ND		ug/kg	39.9	3.68	1	A
Aroclor 1232	ND		ug/kg	39.9	4.67	1	A
Aroclor 1242	ND		ug/kg	39.9	4.88	1	A
Aroclor 1248	ND		ug/kg	39.9	3.36	1	A
Aroclor 1254	33.8	J	ug/kg	39.9	3.28	1	A
Aroclor 1260	44.5		ug/kg	39.9	3.04	1	A
Aroclor 1262	ND		ug/kg	39.9	1.98	1	A
Aroclor 1268	ND		ug/kg	39.9	5.78	1	A
PCBs, Total	78.3	J	ug/kg	39.9	1.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/10/17 18:58
Analyst: JW
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.05	1	A
Aroclor 1221	ND		ug/kg	38.6	3.56	1	A
Aroclor 1232	ND		ug/kg	38.6	4.52	1	A
Aroclor 1242	ND		ug/kg	38.6	4.72	1	A
Aroclor 1248	ND		ug/kg	38.6	3.26	1	A
Aroclor 1254	ND		ug/kg	38.6	3.17	1	A
Aroclor 1260	ND		ug/kg	38.6	2.94	1	A
Aroclor 1262	ND		ug/kg	38.6	1.91	1	A
Aroclor 1268	ND		ug/kg	38.6	5.60	1	A
PCBs, Total	ND		ug/kg	38.6	1.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/10/17 19:10
Analyst: JW
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	2.96	1	A
Aroclor 1221	ND		ug/kg	37.5	3.46	1	A
Aroclor 1232	ND		ug/kg	37.5	4.40	1	A
Aroclor 1242	ND		ug/kg	37.5	4.60	1	A
Aroclor 1248	ND		ug/kg	37.5	3.17	1	A
Aroclor 1254	ND		ug/kg	37.5	3.09	1	A
Aroclor 1260	28.9	J	ug/kg	37.5	2.86	1	A
Aroclor 1262	ND		ug/kg	37.5	1.86	1	A
Aroclor 1268	ND		ug/kg	37.5	5.44	1	A
PCBs, Total	28.9	J	ug/kg	37.5	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-05	Date Collected:	03/07/17 11:20
Client ID:	178GP01_0-2.5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:22	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	2.74	1	A
Aroclor 1221	ND		ug/kg	34.8	3.20	1	A
Aroclor 1232	ND		ug/kg	34.8	4.07	1	A
Aroclor 1242	ND		ug/kg	34.8	4.25	1	A
Aroclor 1248	ND		ug/kg	34.8	2.93	1	A
Aroclor 1254	ND		ug/kg	34.8	2.86	1	A
Aroclor 1260	7.75	J	ug/kg	34.8	2.65	1	B
Aroclor 1262	ND		ug/kg	34.8	1.72	1	A
Aroclor 1268	ND		ug/kg	34.8	5.04	1	A
PCBs, Total	7.75	J	ug/kg	34.8	2.65	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-06	Date Collected:	03/07/17 13:20
Client ID:	178GP02_2.5-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:35	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	2.97	1	A
Aroclor 1221	ND		ug/kg	37.6	3.46	1	A
Aroclor 1232	ND		ug/kg	37.6	4.40	1	A
Aroclor 1242	37.7		ug/kg	37.6	4.60	1	B
Aroclor 1248	ND		ug/kg	37.6	3.17	1	A
Aroclor 1254	29.2	J	ug/kg	37.6	3.09	1	B
Aroclor 1260	14.5	J	ug/kg	37.6	2.86	1	B
Aroclor 1262	ND		ug/kg	37.6	1.86	1	A
Aroclor 1268	ND		ug/kg	37.6	5.44	1	A
PCBs, Total	81.4	J	ug/kg	37.6	2.86	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-08	Date Collected:	03/07/17 13:30
Client ID:	178GP03_2.5-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 19:47	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	2.84	1	A
Aroclor 1221	ND		ug/kg	36.0	3.32	1	A
Aroclor 1232	ND		ug/kg	36.0	4.22	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	3.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.96	1	A
Aroclor 1260	7.56	J	ug/kg	36.0	2.74	1	A
Aroclor 1262	ND		ug/kg	36.0	1.78	1	A
Aroclor 1268	ND		ug/kg	36.0	5.22	1	A
PCBs, Total	7.56	J	ug/kg	36.0	1.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-09	Date Collected:	03/07/17 14:15
Client ID:	178GP04_0-5	Date Received:	03/07/17
Sample Location:	YONKERS, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	03/08/17 22:32
Analytical Date:	03/10/17 20:00	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	03/09/17
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	2.89	1	A
Aroclor 1221	ND		ug/kg	36.6	3.37	1	A
Aroclor 1232	ND		ug/kg	36.6	4.29	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	3.09	1	A
Aroclor 1254	ND		ug/kg	36.6	3.01	1	A
Aroclor 1260	ND		ug/kg	36.6	2.79	1	A
Aroclor 1262	ND		ug/kg	36.6	1.81	1	A
Aroclor 1268	ND		ug/kg	36.6	5.30	1	A
PCBs, Total	ND		ug/kg	36.6	1.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/09/17 22:50
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 03/08/17 22:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG984026-1						
Aroclor 1016	ND		ug/kg	31.8	2.51	A
Aroclor 1221	ND		ug/kg	31.8	2.93	A
Aroclor 1232	ND		ug/kg	31.8	3.72	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	2.68	A
Aroclor 1254	ND		ug/kg	31.8	2.61	A
Aroclor 1260	ND		ug/kg	31.8	2.42	A
Aroclor 1262	ND		ug/kg	31.8	1.58	A
Aroclor 1268	ND		ug/kg	31.8	4.61	A
PCBs, Total	ND		ug/kg	31.8	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG984026-2 WG984026-3									
Aroclor 1016	76		82		40-140	8		50	A
Aroclor 1260	80		89		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		81		30-150	A
Decachlorobiphenyl	68		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		85		30-150	B
Decachlorobiphenyl	57		64		30-150	B

PESTICIDES

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 00:08
Analyst: RL
Percent Solids: 83%

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.656	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.815	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	ND		ug/kg	1.16	0.582	1	A
4,4'-DDE	22.0		ug/kg	1.86	0.431	1	A
4,4'-DDD	0.927	J	ug/kg	1.86	0.664	1	A
4,4'-DDT	44.5		ug/kg	3.49	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.370	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.78	1	A
cis-Chlordane	ND		ug/kg	2.33	0.649	1	A
trans-Chlordane	1.76	JPI	ug/kg	2.33	0.615	1	A
Chlordane	ND		ug/kg	15.1	6.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 00:24
Analyst: AM
Percent Solids: 85%

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	2.93	J	ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.467	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	313	E	ug/kg	1.82	0.420	1	B
4,4'-DDD	4.15		ug/kg	1.82	0.647	1	A
4,4'-DDT	238	E	ug/kg	3.40	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	1.92	JPI	ug/kg	2.27	0.632	1	B
trans-Chlordane	2.48	PI	ug/kg	2.27	0.599	1	A
Chlordane	37.0	P	ug/kg	14.8	6.01	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-03	D	Date Collected:	03/07/17 08:30
Client ID:	GP02_0-5		Date Received:	03/07/17
Sample Location:	YONKERS, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081B		Extraction Date:	03/08/17 23:29
Analytical Date:	03/13/17 23:24		Cleanup Method:	EPA 3620B
Analyst:	AM		Cleanup Date:	03/09/17
Percent Solids:	85%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	293		ug/kg	9.08	2.10	5	B
4,4'-DDT	231		ug/kg	17.0	7.30	5	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:13
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	11.1		ug/kg	1.10	0.553	1	B
4,4'-DDE	65.0		ug/kg	1.77	0.409	1	A
4,4'-DDD	2.03		ug/kg	1.77	0.631	1	B
4,4'-DDT	232	E	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	6.77	PI	ug/kg	2.21	0.616	1	B
trans-Chlordane	8.96	PI	ug/kg	2.21	0.584	1	A
Chlordane	105	P	ug/kg	14.4	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1706909-04	D	Date Collected:	03/07/17 11:10
Client ID:	GP03_0-5		Date Received:	03/07/17
Sample Location:	YONKERS, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081B		Extraction Date:	03/08/17 23:29
Analytical Date:	03/15/17 14:00		Cleanup Method:	EPA 3620B
Analyst:	RL		Cleanup Date:	03/09/17
Percent Solids:	88%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	234		ug/kg	16.6	7.11	5	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/12/17 21:27
Analyst: RL
Percent Solids: 91%

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	1.25	J	ug/kg	1.72	0.399	1	B
4,4'-DDD	ND		ug/kg	1.72	0.615	1	B
4,4'-DDT	ND		ug/kg	3.23	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.569	1	A
Chlordane	ND		ug/kg	14.0	5.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	114		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:28
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	1.17	P	ug/kg	0.876	0.393	1	B
Aldrin	1.16	J	ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND	PI	ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	1.38		ug/kg	1.09	0.547	1	B
4,4'-DDE	1.17	JPI	ug/kg	1.75	0.405	1	B
4,4'-DDD	1.15	J	ug/kg	1.75	0.625	1	B
4,4'-DDT	3.31	P	ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	1.50	J	ug/kg	2.19	0.610	1	A
trans-Chlordane	2.40	PI	ug/kg	2.19	0.578	1	A
Chlordane	51.9		ug/kg	14.2	5.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:44
Analyst: RL
Percent Solids: 88%

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	0.752	JPI	ug/kg	1.11	0.555	1	A
4,4'-DDE	10.8	P	ug/kg	1.78	0.411	1	A
4,4'-DDD	3.51	PI	ug/kg	1.78	0.634	1	B
4,4'-DDT	2.97	J	ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	14.8	P	ug/kg	2.22	0.619	1	B
trans-Chlordane	7.35	PI	ug/kg	2.22	0.586	1	A
Chlordane	58.8	PI	ug/kg	14.4	5.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/15/17 12:59
Analyst: RL
Percent Solids: 89%

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/08/17 23:29
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	5.37		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	26.7		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	1.30	J	ug/kg	2.18	0.606	1	B
trans-Chlordane	2.16	J	ug/kg	2.18	0.574	1	B
Chlordane	27.7		ug/kg	14.1	5.77	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	46		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/10/17 13:13
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 03/08/17 13:00
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983783-1						
Delta-BHC	ND		ug/kg	1.54	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.54	0.586	A
Heptachlor	ND		ug/kg	0.773	0.346	A
Aldrin	ND		ug/kg	1.54	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.869	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.54	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.551	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.365	A
Endosulfan II	ND		ug/kg	1.54	0.516	A
Endosulfan sulfate	ND		ug/kg	0.644	0.306	A
Methoxychlor	ND		ug/kg	2.90	0.901	A
Toxaphene	ND		ug/kg	29.0	8.11	A
cis-Chlordane	ND		ug/kg	1.93	0.538	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.6	5.12	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/10/17 13:13
Analyst: RL

Extraction Method: EPA 3546
Extraction Date: 03/08/17 13:00
Cleanup Method: EPA 3620B
Cleanup Date: 03/09/17

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983783-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	84		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983783-2 WG983783-3									
Delta-BHC	90		94		30-150	4		30	A
Lindane	96		98		30-150	2		30	A
Alpha-BHC	93		94		30-150	1		30	A
Beta-BHC	106		109		30-150	3		30	A
Heptachlor	92		95		30-150	3		30	A
Aldrin	96		99		30-150	3		30	A
Heptachlor epoxide	98		99		30-150	1		30	A
Endrin	99		98		30-150	1		30	A
Endrin aldehyde	82		82		30-150	0		30	A
Endrin ketone	98		95		30-150	3		30	A
Dieldrin	103		103		30-150	0		30	A
4,4'-DDE	93		93		30-150	0		30	A
4,4'-DDD	92		91		30-150	1		30	A
4,4'-DDT	98		97		30-150	1		30	A
Endosulfan I	99		99		30-150	0		30	A
Endosulfan II	99		99		30-150	0		30	A
Endosulfan sulfate	95		94		30-150	1		30	A
Methoxychlor	104		103		30-150	1		30	A
cis-Chlordane	93		94		30-150	1		30	A
trans-Chlordane	98		98		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983783-2 WG983783-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		101		30-150	B
Decachlorobiphenyl	114		111		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		90		30-150	A
Decachlorobiphenyl	81		80		30-150	A

METALS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01 Date Collected: 03/06/17 12:05

Client ID: GP01_0-5 Date Received: 03/06/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5200		mg/kg	9.3	2.5	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Antimony, Total	0.89	J	mg/kg	4.6	0.35	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Arsenic, Total	7.2		mg/kg	0.93	0.19	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Barium, Total	220		mg/kg	0.93	0.16	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.17	J	mg/kg	0.46	0.03	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Cadmium, Total	0.56	J	mg/kg	0.93	0.09	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Calcium, Total	12000		mg/kg	9.3	3.2	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.93	0.09	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Cobalt, Total	4.1		mg/kg	1.8	0.15	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Copper, Total	27		mg/kg	0.93	0.24	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Iron, Total	11000		mg/kg	4.6	0.84	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Lead, Total	970		mg/kg	4.6	0.25	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Magnesium, Total	2800		mg/kg	9.3	1.4	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Manganese, Total	230		mg/kg	0.93	0.15	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.38		mg/kg	0.08	0.02	1	03/07/17 09:10	03/07/17 14:46	EPA 7471B	1,7471B	BV
Nickel, Total	11		mg/kg	2.3	0.22	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	230	13.	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.68	J	mg/kg	1.8	0.24	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.93	0.26	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Sodium, Total	200		mg/kg	180	2.9	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.29	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.93	0.19	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC
Zinc, Total	360		mg/kg	4.6	0.27	2	03/07/17 19:00	03/08/17 19:34	EPA 3050B	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03 Date Collected: 03/07/17 08:30

Client ID: GP02_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	9.1	2.5	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Antimony, Total	1.5	J	mg/kg	4.6	0.35	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Arsenic, Total	7.4		mg/kg	0.91	0.19	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Barium, Total	250		mg/kg	0.91	0.16	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Beryllium, Total	0.31	J	mg/kg	0.46	0.03	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Cadmium, Total	0.50	J	mg/kg	0.91	0.09	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Calcium, Total	1600		mg/kg	9.1	3.2	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Chromium, Total	25		mg/kg	0.91	0.09	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Cobalt, Total	4.6		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Copper, Total	39		mg/kg	0.91	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Iron, Total	11000		mg/kg	4.6	0.82	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Lead, Total	860		mg/kg	4.6	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Magnesium, Total	1600		mg/kg	9.1	1.4	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Manganese, Total	310		mg/kg	0.91	0.14	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Mercury, Total	1.2		mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:46	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.3	0.22	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Potassium, Total	440		mg/kg	230	13.	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Selenium, Total	0.51	J	mg/kg	1.8	0.24	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.91	0.26	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Sodium, Total	76	J	mg/kg	180	2.9	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.91	0.18	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS
Zinc, Total	280		mg/kg	4.6	0.27	2	03/08/17 18:33	03/09/17 00:12	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04 Date Collected: 03/07/17 11:10

Client ID: GP03_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5400		mg/kg	8.7	2.4	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Antimony, Total	1.8	J	mg/kg	4.4	0.33	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Arsenic, Total	3.8		mg/kg	0.87	0.18	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Barium, Total	200		mg/kg	0.87	0.15	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Beryllium, Total	0.20	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Cadmium, Total	0.44	J	mg/kg	0.87	0.09	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Calcium, Total	56000		mg/kg	8.7	3.0	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.87	0.08	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Cobalt, Total	2.6		mg/kg	1.7	0.14	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Copper, Total	16		mg/kg	0.87	0.22	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Iron, Total	10000		mg/kg	4.4	0.79	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Lead, Total	550		mg/kg	4.4	0.23	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Magnesium, Total	14000		mg/kg	8.7	1.3	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Manganese, Total	180		mg/kg	0.87	0.14	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Mercury, Total	0.26		mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:53	EPA 7471B	1,7471B	EA
Nickel, Total	6.7		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Potassium, Total	650		mg/kg	220	12.	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Selenium, Total	0.71	J	mg/kg	1.7	0.22	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.87	0.25	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Sodium, Total	310		mg/kg	170	2.7	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.27	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Vanadium, Total	15		mg/kg	0.87	0.18	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS
Zinc, Total	250		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:40	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05 Date Collected: 03/07/17 11:20

Client ID: 178GP01_0-2.5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	8.6	2.3	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Antimony, Total	0.84	J	mg/kg	4.3	0.33	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Arsenic, Total	2.0		mg/kg	0.86	0.18	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Barium, Total	42		mg/kg	0.86	0.15	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Beryllium, Total	0.20	J	mg/kg	0.43	0.03	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.86	0.09	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Calcium, Total	41000		mg/kg	8.6	3.0	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Chromium, Total	26		mg/kg	0.86	0.08	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Cobalt, Total	5.1		mg/kg	1.7	0.14	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Copper, Total	24		mg/kg	0.86	0.22	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Iron, Total	9900		mg/kg	4.3	0.78	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Lead, Total	18		mg/kg	4.3	0.23	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Magnesium, Total	6900		mg/kg	8.6	1.3	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Manganese, Total	280		mg/kg	0.86	0.14	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:55	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Potassium, Total	500		mg/kg	220	12.	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Selenium, Total	0.34	J	mg/kg	1.7	0.22	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.86	0.24	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Sodium, Total	240		mg/kg	170	2.7	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.27	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Vanadium, Total	18		mg/kg	0.86	0.18	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS
Zinc, Total	37		mg/kg	4.3	0.25	2	03/08/17 18:33	03/09/17 00:45	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06 Date Collected: 03/07/17 13:20

Client ID: 178GP02_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8000		mg/kg	8.8	2.4	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Antimony, Total	0.68	J	mg/kg	4.4	0.33	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Arsenic, Total	1.8		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Barium, Total	48		mg/kg	0.88	0.15	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Calcium, Total	30000		mg/kg	8.8	3.1	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Chromium, Total	17		mg/kg	0.88	0.08	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Cobalt, Total	4.1		mg/kg	1.8	0.14	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Copper, Total	20		mg/kg	0.88	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Iron, Total	9900		mg/kg	4.4	0.79	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Lead, Total	18		mg/kg	4.4	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Magnesium, Total	3900		mg/kg	8.8	1.3	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Manganese, Total	200		mg/kg	0.88	0.14	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 21:57	EPA 7471B	1,7471B	EA
Nickel, Total	8.5		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Potassium, Total	730		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Selenium, Total	0.59	J	mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Sodium, Total	330		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS
Zinc, Total	35		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:50	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08 Date Collected: 03/07/17 13:30

Client ID: 178GP03_2.5-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6500		mg/kg	8.8	2.4	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Antimony, Total	1.1	J	mg/kg	4.4	0.34	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Arsenic, Total	1.7		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Barium, Total	53		mg/kg	0.88	0.15	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Beryllium, Total	0.19	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Cadmium, Total	0.09	J	mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Calcium, Total	15000		mg/kg	8.8	3.1	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Chromium, Total	19		mg/kg	0.88	0.09	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Cobalt, Total	5.5		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Copper, Total	25		mg/kg	0.88	0.23	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Iron, Total	11000		mg/kg	4.4	0.80	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Lead, Total	62		mg/kg	4.4	0.24	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Magnesium, Total	3400		mg/kg	8.8	1.4	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Manganese, Total	390		mg/kg	0.88	0.14	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 22:03	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Potassium, Total	1000		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.88	0.25	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Sodium, Total	240		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Vanadium, Total	22		mg/kg	0.88	0.18	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS
Zinc, Total	78		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:55	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09 Date Collected: 03/07/17 14:15

Client ID: 178GP04_0-5 Date Received: 03/07/17

Sample Location: YONKERS, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.9	2.4	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Antimony, Total	0.92	J	mg/kg	4.4	0.34	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Arsenic, Total	1.6		mg/kg	0.89	0.18	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Barium, Total	110		mg/kg	0.89	0.15	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Beryllium, Total	0.18	J	mg/kg	0.44	0.03	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.89	0.09	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Calcium, Total	8500		mg/kg	8.9	3.1	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Chromium, Total	26		mg/kg	0.89	0.09	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Cobalt, Total	6.7		mg/kg	1.8	0.15	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Copper, Total	26		mg/kg	0.89	0.23	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Iron, Total	17000		mg/kg	4.4	0.80	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Lead, Total	16		mg/kg	4.4	0.24	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Magnesium, Total	7000		mg/kg	8.9	1.4	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Manganese, Total	260		mg/kg	0.89	0.14	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	03/08/17 07:00	03/08/17 22:05	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.2	0.21	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Potassium, Total	5500		mg/kg	220	13.	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.23	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.89	0.25	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Sodium, Total	210		mg/kg	180	2.8	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.28	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Vanadium, Total	48		mg/kg	0.89	0.18	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS
Zinc, Total	61		mg/kg	4.4	0.26	2	03/08/17 18:33	03/09/17 00:59	EPA 3050B	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG983363-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	03/07/17 09:10	03/07/17 13:59	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG983582-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Antimony, Total	ND		mg/kg	2.0	0.15	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Barium, Total	ND		mg/kg	0.40	0.07	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.20	0.01	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.40	0.04	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Calcium, Total	ND		mg/kg	4.0	1.4	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Chromium, Total	ND		mg/kg	0.40	0.04	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.80	0.07	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Copper, Total	ND		mg/kg	0.40	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Iron, Total	0.52	J	mg/kg	2.0	0.36	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Lead, Total	ND		mg/kg	2.0	0.11	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.0	0.62	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Manganese, Total	ND		mg/kg	0.40	0.06	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Nickel, Total	ND		mg/kg	1.0	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Potassium, Total	14	J	mg/kg	100	5.8	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Selenium, Total	ND		mg/kg	0.80	0.10	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Silver, Total	ND		mg/kg	0.40	0.11	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Sodium, Total	11	J	mg/kg	80	1.3	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Thallium, Total	ND		mg/kg	0.80	0.13	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.40	0.08	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC
Zinc, Total	ND		mg/kg	2.0	0.12	1	03/07/17 19:00	03/08/17 17:46	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-06,08-09 Batch: WG983711-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	03/08/17 07:00	03/08/17 21:42	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-06,08-09 Batch: WG983969-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Barium, Total	0.12	J	mg/kg	0.40	0.07	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Calcium, Total	3.0	J	mg/kg	4.0	1.4	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.04	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.36	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.11	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.62	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.06	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.8	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.10	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.11	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Sodium, Total	ND		mg/kg	80	1.3	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.08	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Zinc, Total	ND	mg/kg	2.0	0.12	1	03/08/17 18:33	03/08/17 23:45	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983363-2 SRM Lot Number: D091-540								
Mercury, Total	98		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983582-2 SRM Lot Number: D091-540					
Aluminum, Total	78	-	52-148	-	
Antimony, Total	114	-	1-200	-	
Arsenic, Total	96	-	80-121	-	
Barium, Total	91	-	84-117	-	
Beryllium, Total	91	-	83-117	-	
Cadmium, Total	92	-	83-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	98	-	80-119	-	
Cobalt, Total	97	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	107	-	47-154	-	
Lead, Total	96	-	82-118	-	
Magnesium, Total	91	-	77-123	-	
Manganese, Total	87	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	92	-	72-128	-	
Selenium, Total	90	-	79-121	-	
Silver, Total	96	-	75-124	-	
Sodium, Total	89	-	73-126	-	
Thallium, Total	85	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG983582-2 SRM Lot Number: D091-540					
Zinc, Total	93	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983711-2 SRM Lot Number: D091-540					
Mercury, Total	76	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983969-2 SRM Lot Number: D091-540					
Aluminum, Total	68	-	52-148	-	
Antimony, Total	179	-	1-200	-	
Arsenic, Total	96	-	80-121	-	
Barium, Total	91	-	84-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	108	-	83-117	-	
Calcium, Total	93	-	81-118	-	
Chromium, Total	105	-	80-119	-	
Cobalt, Total	104	-	84-115	-	
Copper, Total	98	-	82-117	-	
Iron, Total	87	-	47-154	-	
Lead, Total	96	-	82-118	-	
Magnesium, Total	83	-	77-123	-	
Manganese, Total	94	-	82-118	-	
Nickel, Total	108	-	83-117	-	
Potassium, Total	79	-	72-128	-	
Selenium, Total	96	-	79-121	-	
Silver, Total	99	-	75-124	-	
Sodium, Total	97	-	73-126	-	
Thallium, Total	92	-	80-121	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 Batch: WG983969-2 SRM Lot Number: D091-540					
Zinc, Total	103	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983363-3 QC Sample: L1706632-01 Client ID: MS Sample												
Mercury, Total	ND	0.131	0.16	**122**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-3 QC Sample: L1705932-01 Client ID: MS Sample										
Aluminum, Total	11000	185	12000	**540**	Q	-	-	75-125	-	20
Antimony, Total	0.24J	46.3	27	**58**	Q	-	-	75-125	-	20
Arsenic, Total	3.6	11.1	11	**67**	Q	-	-	75-125	-	20
Barium, Total	66.	185	200	**72**	Q	-	-	75-125	-	20
Beryllium, Total	0.45	4.63	3.6	**68**	Q	-	-	75-125	-	20
Cadmium, Total	ND	4.72	3.0	**64**	Q	-	-	75-125	-	20
Calcium, Total	340	925	950	**66**	Q	-	-	75-125	-	20
Chromium, Total	15.	18.5	27	**65**	Q	-	-	75-125	-	20
Cobalt, Total	5.9	46.3	37	**67**	Q	-	-	75-125	-	20
Copper, Total	9.8	23.1	27	**74**	Q	-	-	75-125	-	20
Iron, Total	16000	92.5	16000	**0**	Q	-	-	75-125	-	20
Lead, Total	6.4	47.2	37	**65**	Q	-	-	75-125	-	20
Magnesium, Total	1200	925	1800	**65**	Q	-	-	75-125	-	20
Manganese, Total	220	46.3	280	**130**	Q	-	-	75-125	-	20
Nickel, Total	8.4	46.3	39	**66**	Q	-	-	75-125	-	20
Potassium, Total	400	925	1000	**65**	Q	-	-	75-125	-	20
Selenium, Total	0.16J	11.1	7.0	**63**	Q	-	-	75-125	-	20
Silver, Total	ND	27.8	20	**72**	Q	-	-	75-125	-	20
Sodium, Total	34.J	925	670	**72**	Q	-	-	75-125	-	20
Thallium, Total	ND	11.1	4.9	**44**	Q	-	-	75-125	-	20
Vanadium, Total	26.	46.3	58	**69**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-3 QC Sample: L1705932-01 Client ID: MS Sample										
Zinc, Total	17.	46.3	46	**63**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983711-3 QC Sample: L1706909-03 Client ID: GP02_0-5										
Mercury, Total	1.2	0.153	1.2	**0**	Q	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-3 QC Sample: L1706686-01 Client ID: MS Sample										
Aluminum, Total	3700	610	4500	**131**	Q	-	-	75-125	-	20
Antimony, Total	1.3J	152	140	92		-	-	75-125	-	20
Arsenic, Total	3.7	36.6	37	91		-	-	75-125	-	20
Barium, Total	170	610	770	98		-	-	75-125	-	20
Beryllium, Total	ND	15.2	14	92		-	-	75-125	-	20
Cadmium, Total	0.39J	15.5	15	96		-	-	75-125	-	20
Calcium, Total	20000	3050	20000	**0**	Q	-	-	75-125	-	20
Chromium, Total	12.	61	66	88		-	-	75-125	-	20
Cobalt, Total	4.2J	152	140	92		-	-	75-125	-	20
Copper, Total	440	76.2	490	**66**	Q	-	-	75-125	-	20
Iron, Total	4300	305	4700	**131**	Q	-	-	75-125	-	20
Lead, Total	19.	155	160	91		-	-	75-125	-	20
Magnesium, Total	1800	3050	4400	85		-	-	75-125	-	20
Manganese, Total	230	152	360	85		-	-	75-125	-	20
Nickel, Total	18.	152	150	86		-	-	75-125	-	20
Potassium, Total	1500	3050	4400	95		-	-	75-125	-	20
Selenium, Total	4.4J	36.6	41	112		-	-	75-125	-	20
Silver, Total	5.6	91.4	100	103		-	-	75-125	-	20
Sodium, Total	1300	3050	4300	98		-	-	75-125	-	20
Thallium, Total	ND	36.6	29	79		-	-	75-125	-	20
Vanadium, Total	5.7	152	150	95		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-3 QC Sample: L1706686-01 Client ID: MS Sample									
Zinc, Total	380	152	500	79	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983363-4 QC Sample: L1706632-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG983582-4 QC Sample: L1705932-01 Client ID: DUP Sample						
Lead, Total	6.4	7.0	mg/kg	9		20
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983711-4 QC Sample: L1706909-03 Client ID: GP02_0-5						
Mercury, Total	1.2	1.5	mg/kg	**22**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06,08-09 QC Batch ID: WG983969-4 QC Sample: L1706686-01 Client ID: DUP Sample						
Aluminum, Total	3700	4000	mg/kg	8		20
Arsenic, Total	3.7	4.5	mg/kg	20		20
Cadmium, Total	0.39J	0.39J	mg/kg	NC		20
Chromium, Total	12.	15	mg/kg	**22**	Q	20
Cobalt, Total	4.2J	8.8	mg/kg	NC		20
Copper, Total	440	400	mg/kg	10		20
Iron, Total	4300	4300	mg/kg	0		20
Lead, Total	19.	16	mg/kg	17		20
Magnesium, Total	1800	1700	mg/kg	6		20
Manganese, Total	230	210	mg/kg	9		20
Potassium, Total	1500	1400	mg/kg	7		20
Selenium, Total	4.4J	4.2J	mg/kg	NC		20
Sodium, Total	1300	1200	mg/kg	8		20
Zinc, Total	380	380	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-01
Client ID: GP01_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/06/17 12:05
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.54	J	mg/kg	1.1	0.19	1	03/08/17 13:05	03/09/17 13:03	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-02
Client ID: GP01_5-7.5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/06/17 13:45
Date Received: 03/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-03
Client ID: GP02_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 08:30
Date Received: 03/07/17
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	84.8		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.20	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:04	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-04
Client ID: GP03_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 11:10
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.30	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:05	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-05
Client ID: 178GP01_0-2.5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 11:20
Date Received: 03/07/17
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	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.17	1	03/08/17 13:05	03/09/17 13:06	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-06
Client ID: 178GP02_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 13:20
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.22	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:06	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-08
Client ID: 178GP03_2.5-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 13:30
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.18	1	03/08/17 13:05	03/09/17 13:09	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1706909-09
Client ID: 178GP04_0-5
Sample Location: YONKERS, NY
Matrix: Soil

Date Collected: 03/07/17 14:15
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	03/08/17 11:36	121,2540G	RI
Cyanide, Total	0.57	J	mg/kg	1.1	0.18	1	03/08/17 13:05	03/09/17 13:09	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5 **Lab Number:** L1706909

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03-06,08-09 Batch: WG983845-1										
Cyanide, Total	0.17	J	mg/kg	0.95	0.16	1	03/08/17 13:05	03/09/17 12:46	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1706909

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06,08-09 Batch: WG983845-2 WG983845-3								
Cyanide, Total	113		112		80-120	3		35

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06,08-09 QC Batch ID: WG983845-4 WG983845-5 QC Sample: L1706909-06 Client ID: 178GP02_2.5-5												
Cyanide, Total	0.22J	11	11	99		11	99		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06,08-09 QC Batch ID: WG983867-1 QC Sample: L1706909-01 Client ID: GP01_0-5						
Solids, Total	83.0	84.0	%	1		20

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 03/06/2017 23:56

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-01A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-01B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-01D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1706909-01E	Metals Only - Glass 60mL/2oz unp	A	N/A	2.2	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-01F	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-02A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1706909-02D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1706909-02E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	NYTCL-8270(14)
L1706909-03A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-03D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-03E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-03F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-04A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-04D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-04E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-04F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-05A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-05D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-05E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-05F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-06A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-06B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-06C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-06D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-06E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-06F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-07A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07B	Vial water preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07C	Vial water preserved	B	N/A	3.4	Y	Absent	HOLD-8260(14)
L1706909-07D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082()
L1706909-07E	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082()
L1706909-07F	Glass 60mL/2oz unpreserved	B	N/A	3.4	Y	Absent	HOLD-METAL(180)
L1706909-08A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-08D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)
L1706909-08E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-08F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1706909-09A	Vial MeOH preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09B	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09C	Vial water preserved	B	N/A	3.4	Y	Absent	NYTCL-8260HLW(14)
L1706909-09D	Plastic 2oz unpreserved for TS	B	N/A	3.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1706909
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1706909-09E	Metals Only - Glass 60mL/2oz unp	B	N/A	3.4	Y	Absent	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1706909-09F	Glass 250ml/8oz unpreserved	B	N/A	3.4	Y	Absent	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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:	CPG PHASE 4/5	**Lab Number:**	L1706909
Project Number:	16.6669	**Report Date:**	03/15/17

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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 1

Date Rec'd in Lab: 3/6/17

ALPHA Job #: L1706909

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn	TCL 8270			Sample Specific Comments	Total Bottles
06909.01	GP01_0-5	3/6/17	1205	Soil	DA	X	X	X	X	X					6
02	GP01_5-7.5	3/6/17	1345	Soil	DA	X	X				X				
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											
				Soil											

Container Type	V	V	A	A	A			
Preservative	F		A	A	A			

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
	3/6/17 1552		3/6/17 1552
	3/6/17 1705		3/6/17 1810
	3/6/17 2240		3/6/17 2240

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.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/7/17

ALPHA Job #: L1706909

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

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	NYTCL-8260HLW	NYTCL-8260HLW	NYTCL-8081,8082,8270	TAL Metals Inc.Hg	Total Cn	Sample Specific Comments	Total Bottle
06909.03	GP02_0-5	3/7/17	830	Soil	DA	X	X	X	X	X		6
.04	GP03_0-5		1110	Soil	DA	X	X	X	X	X		6
.05	178GP01_0-2.5	↓	1120	Soil	DA	X	X	X	X	X		6
.06	178GP02_2.5-5	3/7/17	1320	Soil	DA	X	X	X	X	X		6
.07	178GP03_0-2.5		1340	Soil	DA	X	X	X	X	X	*HOLD*	6
.08	178GP03_2.5-5	↓	1330	Soil	DA	X	X	X	X	X		6
.09	178GP04_0-5	3/7/17	1415	Soil	DA	X	X	X	X	X		6
				Soil								
				Soil (DB)								
				Soil								

Container Type	V	V	A	A	A	
Preservative	F		A	A	A	

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
	3/7/17 1535	Jon Paulin AAL	3-7-17 1535
Jon Paulin	3-7-17 1720	Tom Tobin	3-7-17 1800
Tom Tobin	3-7-17 2230		3/7/17 2230

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.

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

APPENDIX G

LABORATORY ANALYTICAL REPORTS

(GROUNDWATER)

ANALYTICAL REPORT

Lab Number:	L1707302
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Steve Bieber
Phone:	(518) 786-7400
Project Name:	CPG PHASE 4/5
Project Number:	16.6669
Report Date:	03/15/17

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1707302-01	178 MW01	WATER	YONKERS NY	03/08/17 08:40	03/08/17
L1707302-02	178 MW02	WATER	YONKERS NY	03/08/17 09:20	03/08/17
L1707302-03	178 MW03	WATER	YONKERS NY	03/08/17 10:00	03/08/17
L1707302-04	178 MW04	WATER	YONKERS NY	03/08/17 10:40	03/08/17
L1707302-05	MWGP01	WATER	YONKERS NY	03/08/17 11:30	03/08/17
L1707302-06	TRANSPORT BLANK	WATER	YONKERS NY	03/08/17 00:00	03/08/17

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302
Project Number: 16.6669 **Report Date:** 03/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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: CPG PHASE 4/5 **Lab Number:** L1707302
Project Number: 16.6669 **Report Date:** 03/15/17

Case Narrative (continued)

Report Submission

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

Semivolatile Organics by SIM

The WG984383-1 Method Blank, associated with L1707302-01, -02, and -03, has a concentration above the reporting limit for naphthalene. Since the samples were non-detect to the RL (-01) or more than 10x the blank concentration (-02 and -03) for this analyte, no further actions were taken. The results of the original analysis are reported.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/15/17

ORGANICS

VOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 16:24
Analyst: PD

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 16:57
Analyst: PD

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.92	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	4.7		ug/l	0.50	0.16	1
Toluene	6.9		ug/l	2.5	0.70	1
Ethylbenzene	10		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.13	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	1.6	J	ug/l	2.5	0.70	1
p/m-Xylene	25		ug/l	2.5	0.70	1
o-Xylene	12		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.40	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	27.1	J	ug/l			1
Unknown	1.76	J	ug/l			1
Cyclopentane, Methyl-	2.50	NJ	ug/l			1
Indane	3.82	NJ	ug/l			1
Unknown Aromatic	1.98	J	ug/l			1
Butane, 2-Methyl-	2.84	NJ	ug/l			1
Pentane, 2-methyl-	1.99	NJ	ug/l			1
Unknown Benzene	3.98	J	ug/l			1
Unknown	3.97	J	ug/l			1
Unknown Benzene	2.33	J	ug/l			1
Unknown	1.88	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/15/17 10:55
Analyst: PD

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	58		ug/l	5.0	1.6	10
Toluene	300		ug/l	25	7.0	10
Ethylbenzene	440		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	20	J	ug/l	25	7.0	10
p/m-Xylene	940		ug/l	25	7.0	10
o-Xylene	260		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	60		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	30	J	ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	44	J	ug/l	100	4.0	10
Tentatively Identified Compounds						
Total TIC Compounds	566	J	ug/l			10
Unknown Benzene	34.3	J	ug/l			10
Unknown Aromatic	45.3	J	ug/l			10
Unknown	173	J	ug/l			10
Unknown Benzene	51.6	J	ug/l			10
Pentane, 3-methyl-	31.7	NJ	ug/l			10
Unknown Alkane	75.5	J	ug/l			10
Unknown Benzene	95.8	J	ug/l			10
Unknown Cycloalkane	58.7	J	ug/l			10

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 D Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 18:02
Analyst: PD

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	22		ug/l	0.50	0.16	1
Toluene	0.71	J	ug/l	2.5	0.70	1
Ethylbenzene	2.9		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	2.4	J	ug/l	2.5	0.70	1
p/m-Xylene	2.1	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.40	1

Tentatively Identified Compounds						
Total TIC Compounds	59.9	J	ug/l			1
Indane	2.74	NJ	ug/l			1
Pentane	3.91	NJ	ug/l			1
Unknown	5.38	J	ug/l			1
Pentane, 2-methyl-	4.31	NJ	ug/l			1
Butane, 2-Methyl-	13.4	NJ	ug/l			1
Unknown	1.17	J	ug/l			1
Butane	11.1	NJ	ug/l			1
Unknown	17.9	J	ug/l			1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/14/17 18:34
Analyst: PD

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.2	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	0.76	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	26		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	5.7		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.86	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	202	J	ug/l			1
Unknown Aromatic	28.7	J	ug/l			1
Unknown Aromatic	19.9	J	ug/l			1
Unknown Aromatic	20.8	J	ug/l			1
Unknown Naphthalene	15.6	J	ug/l			1
Unknown Benzene	15.9	J	ug/l			1
Unknown Aromatic	18.8	J	ug/l			1
Unknown Naphthalene	25.6	J	ug/l			1
Unknown Aromatic	18.6	J	ug/l			1
Unknown	20.6	J	ug/l			1
3-Phenylbut-1-ene	17.0	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-06
Client ID: TRANSPORT BLANK
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/15/17 10:27
Analyst: PD

Date Collected: 03/08/17 00:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-06 Date Collected: 03/08/17 00:00

Client ID: TRANSPORT BLANK Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					
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	0.14
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
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
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	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/17 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG985461-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					
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	0.14
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
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
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	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/17 09:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG985553-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
Methylene chloride	99		99		70-130	0		20
1,1-Dichloroethane	97		94		70-130	3		20
Chloroform	94		92		70-130	2		20
Carbon tetrachloride	96		93		63-132	3		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	94		99		70-130	5		20
Tetrachloroethene	99		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	94		90		62-150	4		20
1,2-Dichloroethane	87		87		70-130	0		20
1,1,1-Trichloroethane	92		89		67-130	3		20
Bromodichloromethane	96		92		67-130	4		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	96		93		70-130	3		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	98		96		70-130	2		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	110		110		64-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	110		100		55-140	10		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	99		97		61-145	2		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		94		70-130	5		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	90		90		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	80		74		36-147	8		20
Acetone	87		88		58-148	1		20
Carbon disulfide	81		78		51-130	4		20
2-Butanone	85		82		63-138	4		20
4-Methyl-2-pentanone	83		83		59-130	0		20
2-Hexanone	76		76		57-130	0		20
Bromochloromethane	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG985461-3 WG985461-4								
1,2-Dibromoethane	98		96		70-130	2		20
1,2-Dibromo-3-chloropropane	83		88		41-144	6		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	86		86		70-130	0		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	95		92		70-130	3		20
1,4-Dioxane	100		96		56-162	4		20
Freon-113	100		99		70-130	1		20
Methyl cyclohexane	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
Methylene chloride	100		96		70-130	4		20
1,1-Dichloroethane	96		95		70-130	1		20
Chloroform	90		87		70-130	3		20
Carbon tetrachloride	82		82		63-132	0		20
1,2-Dichloropropane	97		95		70-130	2		20
Dibromochloromethane	78		78		63-130	0		20
1,1,2-Trichloroethane	97		99		70-130	2		20
Tetrachloroethene	86		90		70-130	5		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	94		98		62-150	4		20
1,2-Dichloroethane	81		76		70-130	6		20
1,1,1-Trichloroethane	85		83		67-130	2		20
Bromodichloromethane	83		82		67-130	1		20
trans-1,3-Dichloropropene	81		84		70-130	4		20
cis-1,3-Dichloropropene	89		90		70-130	1		20
Bromoform	74		68		54-136	8		20
1,1,2,2-Tetrachloroethane	95		94		67-130	1		20
Benzene	99		98		70-130	1		20
Toluene	94		97		70-130	3		20
Ethylbenzene	89		91		70-130	2		20
Chloromethane	110		110		64-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
Bromomethane	120		120		39-139	0		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		99		70-130	1		20
Trichloroethene	90		89		70-130	1		20
1,2-Dichlorobenzene	91		90		70-130	1		20
1,3-Dichlorobenzene	88		89		70-130	1		20
1,4-Dichlorobenzene	95		92		70-130	3		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	100		98		58-148	2		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		99		63-138	1		20
4-Methyl-2-pentanone	85		86		59-130	1		20
2-Hexanone	87		85		57-130	2		20
Bromochloromethane	100		96		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG985553-3 WG985553-4								
1,2-Dibromoethane	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	76		87		41-144	13		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	99		93		70-130	6		20
1,2,4-Trichlorobenzene	100		96		70-130	4		20
Methyl Acetate	100		91		70-130	9		20
Cyclohexane	96		98		70-130	2		20
1,4-Dioxane	100		94		56-162	6		20
Freon-113	96		97		70-130	1		20
Methyl cyclohexane	91		93		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		81		70-130
Toluene-d8	103		106		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	99		96		70-130

SEMIVOLATILES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 07:08
Analyst: RC

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.61	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.3	1
Dibenzofuran	ND		ug/l	1.9	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.65	1
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	ND		ug/l	1.9	0.61	1
Atrazine	ND		ug/l	9.7	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.7	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.90	1
Tentatively Identified Compounds						
Total TIC Compounds	19.0	J	ug/l			1
Unknown	5.17	J	ug/l			1
Unknown Organic Acid	13.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	69		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 15:17
Analyst: KL

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.21		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	ND		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.10	J	ug/l	0.19	0.02	1
Benzo(a)pyrene	ND		ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.19	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.19	0.04	1
Chrysene	0.10	J	ug/l	0.19	0.04	1
Acenaphthylene	0.05	J	ug/l	0.19	0.03	1
Anthracene	0.07	J	ug/l	0.19	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.19	0.04	1
Fluorene	ND		ug/l	0.19	0.04	1
Phenanthrene	0.05	J	ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.19	0.04	1
Pyrene	0.16	J	ug/l	0.19	0.04	1
2-Methylnaphthalene	ND		ug/l	0.19	0.04	1
Pentachlorophenol	ND		ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	50		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 08:01
Analyst: RC

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.61	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.3	1
Dibenzofuran	0.85	J	ug/l	1.9	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.65	1
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	1.4	J	ug/l	1.9	0.61	1
Atrazine	ND		ug/l	9.7	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.7	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.90	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	332	J	ug/l			1
Unknown	60.4	J	ug/l			1
Unknown	8.89	J	ug/l			1
Unknown Benzene	5.16	J	ug/l			1
Unknown Organic Acid	5.50	J	ug/l			1
Unknown	12.7	J	ug/l			1
Unknown	9.80	J	ug/l			1
Unknown Organic Acid	17.6	J	ug/l			1
Unknown	4.87	J	ug/l			1
Unknown	5.35	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	21.4	J	ug/l			1
Unknown Organic Acid	5.08	J	ug/l			1
Unknown	4.04	J	ug/l			1
Unknown Benzene	12.7	J	ug/l			1
Unknown Organic Acid	85.4	J	ug/l			1
Unknown	27.6	J	ug/l			1
Unknown	23.3	J	ug/l			1
Unknown Organic Acid	11.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	89		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 15:50
Analyst: KL

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.88		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.42		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	6.9		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.19		ug/l	0.19	0.02	1
Benzo(a)pyrene	0.17	J	ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.24		ug/l	0.19	0.02	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.19	0.04	1
Chrysene	0.20		ug/l	0.19	0.04	1
Acenaphthylene	0.14	J	ug/l	0.19	0.03	1
Anthracene	0.29		ug/l	0.19	0.03	1
Benzo(ghi)perylene	0.08	J	ug/l	0.19	0.04	1
Fluorene	0.81		ug/l	0.19	0.04	1
Phenanthrene	1.0		ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.19	0.04	1
Pyrene	0.35		ug/l	0.19	0.04	1
2-Methylnaphthalene	1.8		ug/l	0.19	0.04	1
Pentachlorophenol	ND		ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	63		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 08:28
Analyst: RC

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
3-Methylphenol/4-Methylphenol	1.8	J	ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	1.8	J	ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1570	J	ug/l			1
Naphthalene, 2-methyl-	16.4	NJ	ug/l			1
Unknown	54.6	J	ug/l			1
Unknown Benzene	21.3	J	ug/l			1
Unknown Benzene	21.3	J	ug/l			1
Unknown Benzene	9.04	J	ug/l			1
Unknown Benzene	90.2	J	ug/l			1
Unknown Benzene	122	J	ug/l			1
Unknown Benzene	406	J	ug/l			1
Unknown	151	J	ug/l			1
Unknown Benzene	29.4	J	ug/l			1
Unknown Benzene	46.3	J	ug/l			1
Unknown Benzene	226	J	ug/l			1
Unknown Naphthalene	16.2	J	ug/l			1
Naphthalene, 1-methyl-	10.6	NJ	ug/l			1
Unknown Benzene	109	J	ug/l			1
Unknown Benzene	175	J	ug/l			1
Unknown	8.00	J	ug/l			1
Unknown Benzene	23.0	J	ug/l			1
Unknown	7.45	J	ug/l			1
Unknown	23.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	87		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/17 16:24
Analyst: KL

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.59		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.45		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	43	E	ug/l	0.20	0.04	1
Benzo(a)anthracene	0.15	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.14	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.20	0.04	1
Chrysene	0.14	J	ug/l	0.20	0.04	1
Acenaphthylene	0.08	J	ug/l	0.20	0.04	1
Anthracene	0.22		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	0.63		ug/l	0.20	0.04	1
Phenanthrene	1.0		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	0.04	J	ug/l	0.20	0.04	1
Pyrene	0.33		ug/l	0.20	0.04	1
2-Methylnaphthalene	13		ug/l	0.20	0.05	1
Pentachlorophenol	0.34	J	ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	61		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID:	L1707302-03	D	Date Collected:	03/08/17 10:00
Client ID:	178 MW03		Date Received:	03/08/17
Sample Location:	YONKERS NY		Field Prep:	Not Specified
Matrix:	Water		Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM		Extraction Date:	03/10/17 10:37
Analytical Date:	03/13/17 11:48			
Analyst:	KL			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	68		ug/l	1.0	0.22	5

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/12/17 22:14
Analyst: RC

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.64	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.81	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.5	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.72	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.67	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.87	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.60	1
Dimethyl phthalate	ND		ug/l	4.8	0.62	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	0.64	1
Acetophenone	ND		ug/l	4.8	0.81	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.65	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.59	1
2-Chlorophenol	ND		ug/l	1.9	0.60	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.6	1.4	1
4-Nitrophenol	ND		ug/l	9.6	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.2	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Carbazole	ND		ug/l	1.9	0.60	1
Atrazine	ND		ug/l	9.6	1.8	1
Benzaldehyde	ND		ug/l	4.8	1.0	1
Caprolactam	ND		ug/l	9.6	3.4	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	0.89	1
Tentatively Identified Compounds						
Total TIC Compounds	39.8	J	ug/l			1
Unknown	27.1	J	ug/l			1
Unknown	8.24	J	ug/l			1
Unknown	4.46	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	70		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 10:45
Analyst: KL

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.49		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.96		ug/l	0.19	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	0.76		ug/l	0.19	0.04	1
Benzo(a)anthracene	0.42		ug/l	0.19	0.02	1
Benzo(a)pyrene	0.47		ug/l	0.19	0.04	1
Benzo(b)fluoranthene	0.62		ug/l	0.19	0.02	1
Benzo(k)fluoranthene	0.24		ug/l	0.19	0.04	1
Chrysene	0.46		ug/l	0.19	0.04	1
Acenaphthylene	0.10	J	ug/l	0.19	0.03	1
Anthracene	0.32		ug/l	0.19	0.03	1
Benzo(ghi)perylene	0.28		ug/l	0.19	0.04	1
Fluorene	0.39		ug/l	0.19	0.04	1
Phenanthrene	0.53		ug/l	0.19	0.01	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.19	0.04	1
Indeno(1,2,3-cd)pyrene	0.29		ug/l	0.19	0.04	1
Pyrene	0.88		ug/l	0.19	0.04	1
2-Methylnaphthalene	0.18	J	ug/l	0.19	0.04	1
Pentachlorophenol	0.35	J	ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	64		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/11/17 07:35
Analyst: RC

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 10:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.66	1
3,3'-Dichlorobenzidine	ND		ug/l	4.9	1.4	1
2,4-Dinitrotoluene	ND		ug/l	4.9	0.84	1
2,6-Dinitrotoluene	ND		ug/l	4.9	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.72	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.69	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.9	0.62	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	4.9	0.59	1
Nitrobenzene	ND		ug/l	2.0	0.74	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.9	0.69	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.90	1
Butyl benzyl phthalate	ND		ug/l	4.9	1.2	1
Di-n-butylphthalate	ND		ug/l	4.9	0.68	1
Di-n-octylphthalate	ND		ug/l	4.9	1.1	1
Diethyl phthalate	ND		ug/l	4.9	0.62	1
Dimethyl phthalate	ND		ug/l	4.9	0.64	1
Biphenyl	11.		ug/l	2.0	0.75	1
4-Chloroaniline	ND		ug/l	4.9	0.62	1
2-Nitroaniline	ND		ug/l	4.9	1.1	1
3-Nitroaniline	ND		ug/l	4.9	1.2	1
4-Nitroaniline	ND		ug/l	4.9	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.65	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.9	0.66	1
Acetophenone	ND		ug/l	4.9	0.84	1
2,4,6-Trichlorophenol	ND		ug/l	4.9	0.67	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.62	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	4.9	0.76	1
2,4-Dimethylphenol	ND		ug/l	4.9	1.6	1
2-Nitrophenol	ND		ug/l	9.9	1.5	1
4-Nitrophenol	ND		ug/l	9.9	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	9.9	2.1	1
Phenol	ND		ug/l	4.9	1.9	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.9	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.9	0.71	1
Carbazole	ND		ug/l	2.0	0.62	1
Atrazine	ND		ug/l	9.9	1.8	1
Benzaldehyde	ND		ug/l	4.9	1.1	1
Caprolactam	ND		ug/l	9.9	3.5	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.9	0.92	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	445	J	ug/l			1
Unknown	23.3	J	ug/l			1
Unknown Naphthalene	14.2	J	ug/l			1
Unknown	24.3	J	ug/l			1
Naphthalene, 1-methyl-	53.1	NJ	ug/l			1
Unknown	16.6	J	ug/l			1
Unknown Benzene	13.4	J	ug/l			1
Unknown Naphthalene	12.4	J	ug/l			1
Unknown Naphthalene	22.2	J	ug/l			1
Unknown Organic Acid	21.3	J	ug/l			1
Unknown Naphthalene	13.9	J	ug/l			1
Unknown	18.6	J	ug/l			1
Unknown	20.6	J	ug/l			1
Unknown Alkane	25.1	J	ug/l			1
Unknown Naphthalene	32.9	J	ug/l			1
Unknown Naphthalene	17.3	J	ug/l			1
Naphthalene, 2-methyl-	20.7	NJ	ug/l			1
Unknown Naphthalene	43.4	J	ug/l			1
Unknown	23.1	J	ug/l			1
Unknown	13.4	J	ug/l			1
Unknown	15.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	88		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 11:16
Analyst: KL

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.3		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	1.5		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.03	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.03	J	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	0.24		ug/l	0.20	0.04	1
Anthracene	0.21		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	1.8		ug/l	0.20	0.04	1
Phenanthrene	2.3		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	0.09	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	5.2		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	51		41-149

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/11/17 00:57
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG984382-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	77		41-149

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/10/17 18:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG984383-1					
Acenaphthene	ND		ug/l	0.10	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	0.35		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: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/10/17 18:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 02:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG984383-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 08:07
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05 Batch: WG984909-1					
Acenaphthene	ND		ug/l	0.10	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: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/17 08:07
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/12/17 12:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05 Batch: WG984909-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
Bis(2-chloroethyl)ether	72		69		40-140	4		30
3,3'-Dichlorobenzidine	64		68		40-140	6		30
2,4-Dinitrotoluene	83		81		48-143	2		30
2,6-Dinitrotoluene	82		79		40-140	4		30
4-Chlorophenyl phenyl ether	77		75		40-140	3		30
4-Bromophenyl phenyl ether	76		74		40-140	3		30
Bis(2-chloroisopropyl)ether	60		54		40-140	11		30
Bis(2-chloroethoxy)methane	74		70		40-140	6		30
Hexachlorocyclopentadiene	78		73		40-140	7		30
Isophorone	75		69		40-140	8		30
Nitrobenzene	76		70		40-140	8		30
NDPA/DPA	79		77		40-140	3		30
n-Nitrosodi-n-propylamine	72		67		29-132	7		30
Bis(2-ethylhexyl)phthalate	90		88		40-140	2		30
Butyl benzyl phthalate	82		80		40-140	2		30
Di-n-butylphthalate	82		80		40-140	2		30
Di-n-octylphthalate	95		93		40-140	2		30
Diethyl phthalate	79		76		40-140	4		30
Dimethyl phthalate	76		75		40-140	1		30
Biphenyl	86		83		40-140	4		30
4-Chloroaniline	54		45		40-140	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
2-Nitroaniline	85		85		52-143	0		30
3-Nitroaniline	77		73		25-145	5		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	78		76		40-140	3		30
1,2,4,5-Tetrachlorobenzene	73		70		2-134	4		30
Acetophenone	90		84		39-129	7		30
2,4,6-Trichlorophenol	78		77		30-130	1		30
p-Chloro-m-cresol	80		79		23-97	1		30
2-Chlorophenol	76		72		27-123	5		30
2,4-Dichlorophenol	82		76		30-130	8		30
2,4-Dimethylphenol	86		82		30-130	5		30
2-Nitrophenol	83		79		30-130	5		30
4-Nitrophenol	51		48		10-80	6		30
2,4-Dinitrophenol	62		68		20-130	9		30
4,6-Dinitro-o-cresol	79		76		20-164	4		30
Phenol	40		37		12-110	8		30
3-Methylphenol/4-Methylphenol	70		65		30-130	7		30
2,4,5-Trichlorophenol	82		79		30-130	4		30
Carbazole	81		79		55-144	3		30
Atrazine	94		88		40-140	7		30
Benzaldehyde	74		70		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG984382-2 WG984382-3								
Caprolactam	20		18		10-130	11		30
2,3,4,6-Tetrachlorophenol	79		76		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		51		21-120
Phenol-d6	38		35		10-120
Nitrobenzene-d5	73		67		23-120
2-Fluorobiphenyl	74		71		15-120
2,4,6-Tribromophenol	85		79		10-120
4-Terphenyl-d14	76		73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG984383-2 WG984383-3								
Acenaphthene	58		60		37-111	3		40
2-Chloronaphthalene	54		56		40-140	4		40
Fluoranthene	63		64		40-140	2		40
Hexachlorobutadiene	48		50		40-140	4		40
Naphthalene	57		59		40-140	3		40
Benzo(a)anthracene	62		64		40-140	3		40
Benzo(a)pyrene	53		58		40-140	9		40
Benzo(b)fluoranthene	58		59		40-140	2		40
Benzo(k)fluoranthene	63		64		40-140	2		40
Chrysene	64		67		40-140	5		40
Acenaphthylene	62		63		40-140	2		40
Anthracene	66		68		40-140	3		40
Benzo(ghi)perylene	51		48		40-140	6		40
Fluorene	63		65		40-140	3		40
Phenanthrene	58		59		40-140	2		40
Dibenzo(a,h)anthracene	53		50		40-140	6		40
Indeno(1,2,3-cd)pyrene	52		50		40-140	4		40
Pyrene	63		64		26-127	2		40
2-Methylnaphthalene	55		57		40-140	4		40
Pentachlorophenol	76		65		9-103	16		40
Hexachlorobenzene	58		61		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG984383-2 WG984383-3								
Hexachloroethane	63		65		40-140	3		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		47		21-120
Phenol-d6	33		34		10-120
Nitrobenzene-d5	70		70		23-120
2-Fluorobiphenyl	52		52		15-120
2,4,6-Tribromophenol	63		63		10-120
4-Terphenyl-d14	62		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05 Batch: WG984909-2 WG984909-3								
Acenaphthene	76		64		37-111	17		40
2-Chloronaphthalene	68		60		40-140	13		40
Fluoranthene	100		69		40-140	37		40
Hexachlorobutadiene	51		52		40-140	2		40
Naphthalene	65		78		40-140	18		40
Benzo(a)anthracene	108		70		40-140	**43**	Q	40
Benzo(a)pyrene	105		70		40-140	40		40
Benzo(b)fluoranthene	111		73		40-140	**41**	Q	40
Benzo(k)fluoranthene	106		70		40-140	**41**	Q	40
Chrysene	108		71		40-140	**41**	Q	40
Acenaphthylene	76		69		40-140	10		40
Anthracene	98		68		40-140	36		40
Benzo(ghi)perylene	100		65		40-140	**42**	Q	40
Fluorene	86		68		40-140	23		40
Phenanthrene	95		70		40-140	30		40
Dibenzo(a,h)anthracene	101		67		40-140	40		40
Indeno(1,2,3-cd)pyrene	102		67		40-140	**41**	Q	40
Pyrene	99		68		26-127	37		40
2-Methylnaphthalene	69		68		40-140	1		40
Pentachlorophenol	60		55		9-103	9		40
Hexachlorobenzene	103		68		40-140	**41**	Q	40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05 Batch: WG984909-2 WG984909-3								
Hexachloroethane	53		53		40-140	0		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	38		39		21-120
Phenol-d6	28		29		10-120
Nitrobenzene-d5	66		64		23-120
2-Fluorobiphenyl	64		62		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	69		67		41-149

PCBS

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:19
Analyst: JA

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:31
Analyst: JA

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:44
Analyst: JA

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 07:56
Analyst: JA

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/17 08:09
Analyst: JA

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/13/17 06:42
Analyst: JA

Extraction Method: EPA 3510C
Extraction Date: 03/11/17 17:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 03/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG984858-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984858-2 WG984858-3									
Aroclor 1016	75		67		40-140	11		50	A
Aroclor 1260	61		63		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	A
Decachlorobiphenyl	66		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		70		30-150	B
Decachlorobiphenyl	81		76		30-150	B

PESTICIDES

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:08
Analyst: RL

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:23
Analyst: RL

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:39
Analyst: RL

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 22:54
Analyst: RL

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/13/17 23:09
Analyst: RL

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/13/17 21:22
Analyst: RL

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG984721-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/13/17 21:22
Analyst: RL

Extraction Method: EPA 3510C
Extraction Date: 03/10/17 21:40

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG984721-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984721-2 WG984721-3									
Delta-BHC	83		70		30-150	17		20	A
Lindane	90		76		30-150	16		20	A
Alpha-BHC	88		73		30-150	19		20	A
Beta-BHC	100		86		30-150	15		20	A
Heptachlor	89		77		30-150	15		20	A
Aldrin	92		76		30-150	18		20	A
Heptachlor epoxide	98		85		30-150	14		20	A
Endrin	87		74		30-150	16		20	A
Endrin aldehyde	88		74		30-150	17		20	A
Endrin ketone	99		86		30-150	14		20	A
Dieldrin	92		80		30-150	14		20	A
4,4'-DDE	84		73		30-150	14		20	A
4,4'-DDD	84		72		30-150	15		20	A
4,4'-DDT	86		76		30-150	12		20	A
Endosulfan I	96		84		30-150	14		20	A
Endosulfan II	90		77		30-150	16		20	A
Endosulfan sulfate	103		88		30-150	16		20	A
Methoxychlor	103		90		30-150	14		20	A
cis-Chlordane	89		78		30-150	13		20	A
trans-Chlordane	90		78		30-150	14		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG984721-2 WG984721-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		79		30-150	A
Decachlorobiphenyl	96		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		85		30-150	B
Decachlorobiphenyl	113		97		30-150	B

METALS

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01 Date Collected: 03/08/17 08:40

Client ID: 178 MW01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	66		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Arsenic, Total	0.022		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Barium, Total	1.22		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Beryllium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Calcium, Total	360		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Chromium, Total	0.29		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Cobalt, Total	0.100		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Copper, Total	0.499		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Iron, Total	96		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Lead, Total	0.599		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Magnesium, Total	66		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Manganese, Total	7.82		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Mercury, Total	0.00018	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:12	EPA 7470A	1,7470A	EA
Nickel, Total	0.212		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Potassium, Total	16		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Selenium, Total	0.004	J	mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Sodium, Total	300		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Vanadium, Total	0.183		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC
Zinc, Total	0.774		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:00	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02 Date Collected: 03/08/17 09:20

Client ID: 178 MW02 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	44		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Arsenic, Total	0.013		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Barium, Total	0.409		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Beryllium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Calcium, Total	180		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Chromium, Total	0.09		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Cobalt, Total	0.031		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Copper, Total	0.155		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Iron, Total	48		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Lead, Total	0.382		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Magnesium, Total	13		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Manganese, Total	1.90		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Mercury, Total	0.00036		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:18	EPA 7470A	1,7470A	EA
Nickel, Total	0.052		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Potassium, Total	15		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Sodium, Total	240		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Vanadium, Total	0.098		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC
Zinc, Total	0.430		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:04	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03 Date Collected: 03/08/17 10:00

Client ID: 178 MW03 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	22		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Arsenic, Total	0.010		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Barium, Total	0.368		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Calcium, Total	81		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Chromium, Total	0.09		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Cobalt, Total	0.032		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Copper, Total	0.153		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Iron, Total	36		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Lead, Total	0.186		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Magnesium, Total	20		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Manganese, Total	1.36		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Mercury, Total	0.00014	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:19	EPA 7470A	1,7470A	EA
Nickel, Total	0.074		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Potassium, Total	12		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Sodium, Total	220		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Vanadium, Total	0.072		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC
Zinc, Total	0.247		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 17:08	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04 Date Collected: 03/08/17 10:40

Client ID: 178 MW04 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.5		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Barium, Total	0.182		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Calcium, Total	160		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Chromium, Total	0.008	J	mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Cobalt, Total	0.003	J	mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Copper, Total	0.024		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Iron, Total	15		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Lead, Total	0.020		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Magnesium, Total	24		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Manganese, Total	1.78		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:21	EPA 7470A	1,7470A	EA
Nickel, Total	0.006	J	mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Potassium, Total	24		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Sodium, Total	260		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Vanadium, Total	0.0099	J	mg/l	0.0100	0.0020	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC
Zinc, Total	0.031	J	mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 19:24	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05 Date Collected: 03/08/17 11:30

Client ID: MWGP01 Date Received: 03/08/17

Sample Location: YONKERS NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9.2		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Barium, Total	0.327		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Calcium, Total	160		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Chromium, Total	0.03		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Cobalt, Total	0.011	J	mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Copper, Total	0.049		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Iron, Total	11		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Lead, Total	0.486		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Magnesium, Total	72		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Manganese, Total	2.48		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Mercury, Total	0.00016	J	mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:23	EPA 7470A	1,7470A	EA
Nickel, Total	0.023	J	mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Potassium, Total	8.6		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Selenium, Total	0.004	J	mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Sodium, Total	84		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Vanadium, Total	0.022		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC
Zinc, Total	0.197		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 19:29	EPA 3005A	1,6010C	MC

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG984457-1										
Aluminum, Total	ND		mg/l	0.10	0.03	1	03/10/17 09:23	03/13/17 16:31	1,6010C	PS
Antimony, Total	ND		mg/l	0.050	0.007	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Barium, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Calcium, Total	ND		mg/l	0.10	0.04	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Chromium, Total	ND		mg/l	0.01	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Cobalt, Total	ND		mg/l	0.020	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Copper, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Iron, Total	ND		mg/l	0.05	0.01	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Lead, Total	ND		mg/l	0.010	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Magnesium, Total	ND		mg/l	0.10	0.02	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Manganese, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Nickel, Total	ND		mg/l	0.025	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.24	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Selenium, Total	ND		mg/l	0.010	0.004	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Silver, Total	ND		mg/l	0.007	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Sodium, Total	ND		mg/l	2.0	0.12	1	03/10/17 09:23	03/13/17 16:31	1,6010C	PS
Thallium, Total	ND		mg/l	0.020	0.003	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Vanadium, Total	ND		mg/l	0.010	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS
Zinc, Total	ND		mg/l	0.050	0.002	1	03/10/17 09:23	03/13/17 14:25	1,6010C	PS

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG984473-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/10/17 09:58	03/10/17 18:08	1,7470A	EA

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984457-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	95		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	90		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	93		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	93		-		80-120	-		
Potassium, Total	93		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	95		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984457-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG984473-2					
Mercury, Total	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-3 QC Sample: L1707456-01 Client ID: MS Sample												
Aluminum, Total	ND	2	ND	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	0.5	ND	**0**	Q	-	-		75-125	-		20
Arsenic, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Barium, Total	ND	2	2.24	112		-	-		75-125	-		20
Beryllium, Total	ND	0.05	ND	**0**	Q	-	-		75-125	-		20
Cadmium, Total	ND	0.051	ND	**0**	Q	-	-		75-125	-		20
Calcium, Total	47.	10	40	**20**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	ND	**0**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.430J	86		-	-		75-125	-		20
Copper, Total	ND	0.25	0.380J	**152**	Q	-	-		75-125	-		20
Iron, Total	6.9	1	7.4	120		-	-		75-125	-		20
Lead, Total	ND	0.51	0.520J	102	Q	-	-		75-125	-		20
Magnesium, Total	7.6J	10	18	**180**	Q	-	-		75-125	-		20
Manganese, Total	0.200J	0.5	0.580J	116		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.440J	88		-	-		75-125	-		20
Potassium, Total	ND	10	ND	**0**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	ND	**0**	Q	-	-		75-125	-		20
Sodium, Total	230	10	210	100		-	-		75-125	-		20
Thallium, Total	ND	0.12	ND	**0**	Q	-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.560J	112		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-3 QC Sample: L1707456-01 Client ID: MS Sample									
Zinc, Total	0.600J	0.5	0.560J	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984473-3 QC Sample: L1707302-01 Client ID: 178 MW01									
Mercury, Total	0.00018J	0.005	0.00511	102	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984457-4 QC Sample: L1707456-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG984473-4 QC Sample: L1707302-01 Client ID: 178 MW01						
Mercury, Total	0.00018J	0.00026	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-01
Client ID: 178 MW01
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 08:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 12:58	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-02
Client ID: 178 MW02
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 09:20
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.010		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:00	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-03
Client ID: 178 MW03
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 10:00
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:02	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-04
Client ID: 178 MW04
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 10:40
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:03	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

SAMPLE RESULTS

Lab ID: L1707302-05
Client ID: MWGP01
Sample Location: YONKERS NY
Matrix: Water

Date Collected: 03/08/17 11:30
Date Received: 03/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 13:04	1,9010C/9012B	JO

Project Name: CPG PHASE 4/5 **Lab Number:** L1707302

Project Number: 16.6669 **Report Date:** 03/15/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG984221-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/09/17 16:05	03/13/17 12:53	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: CPG PHASE 4/5

Project Number: 16.6669

Lab Number: L1707302

Report Date: 03/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG984221-2 WG984221-3								
Cyanide, Total	90		92		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG984221-4 WG984221-5 QC Sample: L1707302-01 Client ID: 178 MW01												
Cyanide, Total	0.002J	0.2	0.178	89		0.177	88		80-120	1		20

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler	
C	Present/Not Intact
B	Present/Not Intact
A	Present/Not Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-01A	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01B	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01C	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-01D	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-01E	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-01F	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-01G	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-01H	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-01I	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-01J	Plastic 250ml NaOH preserved	A	>12	5.7	Y	Present/Not Intact	TCN-9010(14)
L1707302-01K	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-02A	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02B	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02C	Vial HCl preserved	A	N/A	5.7	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-02D	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-02E	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-02F	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-02G	Amber 500ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-02H	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-02I	Amber 1000ml unpreserved	A	7	5.7	Y	Present/Not Intact	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-02J	Plastic 250ml NaOH preserved	A	>12	5.7	Y	Present/Not Intact	TCN-9010(14)
L1707302-02K	Plastic 250ml HNO3 preserved	A	<2	5.7	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-03A	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03B	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03C	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-03D	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-03E	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-03F	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-03G	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-03H	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-03I	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-03J	Plastic 250ml NaOH preserved	C	>12	4.3	Y	Present/Not Intact	TCN-9010(14)
L1707302-03K	Plastic 250ml HNO3 preserved	C	<2	4.3	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-04A	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04B	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04C	Vial HCl preserved	C	N/A	4.3	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-04D	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-04E	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-04F	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-04G	Amber 500ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-04H	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-04I	Amber 1000ml unpreserved	C	7	4.3	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-04J	Plastic 250ml NaOH preserved	C	>12	4.3	Y	Present/Not Intact	TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: CPG PHASE 4/5
Project Number: 16.6669

Lab Number: L1707302
Report Date: 03/15/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1707302-04K	Plastic 250ml HNO3 preserved	C	<2	4.3	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-05A	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05B	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05C	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-05D	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-05E	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1707302-05F	Amber 500ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-05G	Amber 500ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8081(7)
L1707302-05H	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-05I	Amber 1000ml unpreserved	B	7	5.1	Y	Present/Not Intact	NYTCL-8082-1200ML(7)
L1707302-05J	Plastic 250ml NaOH preserved	B	>12	5.1	Y	Present/Not Intact	TCN-9010(14)
L1707302-05K	Plastic 250ml HNO3 preserved	B	<2	5.1	Y	Present/Not Intact	BE-TI(180),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),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1707302-06A	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06B	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06C	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)
L1707302-06D	Vial HCl preserved	B	N/A	5.1	Y	Present/Not Intact	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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:	CPG PHASE 4/5	**Lab Number:**	L1707302
Project Number:	16.6669	**Report Date:**	03/15/17

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
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; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, 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, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/9/17

ALPHA Job #: L1707302

Client Information

Client: CT Male
Address: 50 Century Hill Drive
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: s.bieber@ctmale.com

Project Information

Project Name: CPG Phase 4/5
Project Location: Yonkers NY
Project #: 16.6669
(Use Project name as Project #) ☐
Project Manager: Steve Bieber
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: NA

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270	NYTCL-8082	NYTCL-8081	Total Cn	TAL Metals Inc.Hg			Sample Specific Comments	Total Bottles
07302-01	178MW01	3/8/17	0840	GW	DA	X	X	X	X	X	X				11
-02	178MW02		0920	GW	DA	X	X	X	X	X	X				11
-03	178MW03		1000	GW	DA	X	X	X	X	X	X				11
-04	178MW04		1040	GW	DA	X	X	X	X	X	X				11
-05	MWGP01		1130	GW	DA	X	X	X	X	X	X				11
-06	Transport Blank	—	—	GW	—	X									2
				GW											
				GW											
				GW											
				GW											

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

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	V	A	A	A	P	P							
Preservative	B	A	A	A	E	C							

Relinquished By:	Date/Time	Received By:	Date/Time
	3/8/17 1615		3/8/17 1645
			3/9/17 0830

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.

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

Custody Seal

A

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container 6 of 6

Custody Seal

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container # 5 of 6

Custody Seal

C

Date 3-3-17 Project CPG 4/5

Signature Robert Hains Container # 3 of 6