

Phase II Environmental Site Assessment

Location:

312, 316 & 322 Warburton
Avenue
Westchester, Yonkers, New York

Prepared for:

Hillside Properties NY LLC
Dobbs Ferry, New York 10522

LaBella Project No. 2242536

August 2024



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1.0 INTRODUCTION

LaBella Associates, D.P.C. (“LaBella”) was retained by Hillside Properties NY LLC, to conduct a Phase II Environmental Site Assessment (ESA) at the property located at 312,316 & 322 Warburton Avenue in the City of Yonkers, Westchester County, New York, hereinafter referred to as the “Site” (see Figure 1). This Phase II ESA has been performed in conformance with the scope and limitations of ASTM Practice E 1903-11.

1.1 Special Terms & Conditions

The findings of this Phase II ESA are based on the scope of work and project objectives as stated in LaBella Proposal number P2403491 dated May 14, 2024.

1.2 Limitations & Exceptions

Work associated with this Phase II ESA was performed in accordance with generally accepted environmental engineering and environmental contracting practices for this region. LaBella Associates, D.P.C., makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts or reports.

In addition, LaBella cannot provide guarantees, certifications or warranties that the property is or is not free of environmental impairment or other regulated solid wastes. The Client shall be aware that the data and representative samples from any given soil sampling point or monitoring well may represent conditions that apply only at that particular location, and such conditions may not necessarily apply to the general Site as a whole.

2.0 BACKGROUND

2.1 Site Description & Features

The Site comprises approximately 0.86 acres of land and is currently developed with residential and commercial structures. Lot 29 (322 Warburton Avenue) is developed with a 2,500 square foot commercial building built in 1978/1979 and is currently utilized for contractor storage. Lot 31 (316 Warburton Avenue) is developed with a 4,971 square foot structure built in 1917, and is currently utilized for residential apartments, as well as contractor storage in the basement. Additionally, two garages are located on this lot, one in the eastern portion of the Site used for the storage of contracting equipment and supplies, and one in the western portion of the Site used for general storage. Lot 34 (312 Warburton Avenue) is not currently developed with any structures and contains a community garden.

Exterior areas include asphalt pavement, grass, trees and brush. Much of the exterior areas of Lots 29 and 31 are utilized for contracting material and equipment storage. A small parking area is located along Warburton Avenue on Lot 31.

2.2 Physical Setting

The Site is located on Warburton Avenue in the City of Yonkers within a predominantly urban area.

2.3 Site History & Land Use

In or before 1886 through at least 1956, the Site contained residential structures. In or before 1957



through at least 1971, the Site was developed with residential structures and a store front. In or before 1971 to at least 2017, the Site was developed with residential structures, and a Dry Cleaners was located at 322 Warburton Avenue. In or before 2017 through the present-day, the Site is developed with residential and commercial structures, and used for contractor storage.

2.4 Adjacent Property Use

The Site is bordered by the following properties:

Direction	Land Use
North	Multi-family residential (322 Warburton Avenue)
East	Old Croton Trail, Two-family residential (108-110 Grove Street)
South	Condominiums (304 Warburton Avenue), Residential (18-24 Wicker Street)
West	Residential (305 Warburton Avenue), Vacant lots (309-319 Warburton Avenue), Mixed-use building (321 Warburton Avenue), Grocery/deli (323 Warburton Avenue)

2.5 Summary of Previous Study

LaBella performed a Phase I ESA at the Site in June 2024. This ESA included a review of a Phase I ESA completed by Gallagher Bassett Technical Services (GBTS) in April 2020. Three Recognized Environmental Conditions (RECs) were identified in connection with the Site:

- The subject structure at 322 Warburton Avenue was historically used as a dry cleaner (Rappaport Dry Cleaning) from at least 1971 to 2017. These operations typically include the use of hazardous substances, including chlorinated solvents. The Subject Property was listed in the NY Dry Cleaner, ICIS/AIRS, and RCRA regulatory databases as a dry cleaner with documented generation of spent halogenated solvents. Based on this information, the former use is considered a REC for the Subject Property.
- The adjacent site at 321-325 Warburton Avenue is listed as an active Brownfield Site (C360227). Remedial investigation has commenced with soil and soil vapor impacts identified; investigation/remediation is ongoing.

One de minimis condition was identified in connection with the Site:

- Minor staining was noted to asphalt in front of the eastern garage on Lot 31.

While not considered a REC, Controlled Environmental Condition (CREC), Historic Recognized Environmental Condition (HREC), de minimis condition, or significant data gap, the following were also noted in the PIESA:

- Hazardous substances and petroleum products were limited to general cleaning, building maintenance, and contracting supplies which were observed to be properly stored in small containers.
- The adjacent site at 323 Warburton Avenue (F D Grocery) was listed as an active NY Spill (#1607103) related to a UST removal. Although this spill is active, this facility is topographically down-gradient of the Subject Property.

3.0 OBJECTIVE

The objective of this Phase II ESA was to conduct an evaluation of subsurface conditions to assess the RECs identified in the 2024 Phase I ESA and to pursue an application to the Brownfield Cleanup



Program (BCP).

4.0 SCOPE OF WORK

To achieve the project objectives the following Scope of Work was performed:

1. Prior to the initiation of subsurface work, an underground utility stake-out, via *Dig Safely New York*, was completed at the Site (ticket number 05174-001-673) to locate utilities in the areas where the subsurface assessment would take place. A geophysical investigation was conducted by E Phase 2, LLC, of Huntington, New York on June 5th, 2024, within lots 29 and 31, to identify any evidence of historical use at the Site, clear proposed boring locations, and locate any underground storage tanks (USTs) or other underground anomalies. A Ground Penetrating Radar (GPR) with dual frequency 300 MHz and 800 MHz antennas, a magnetometer, and utility line locating equipment were used during the investigation. The geophysical investigation identified five (5) underground anomalies on-Site. One Anomaly was detected beneath the building in lot 29, towards the northeast corner. Four anomalies were identified in lot 31, one within the front parking area west of Warburton Ave, while the other three were in the rear parking area behind the residential house. The anomaly locations are shown on Figure 2. Based on discussions with the owner, it appears that one of these anomalies may be the location of a former heating oil UST. 2 of the anomalies were 3 ft by 3 ft in size, while the other 3 were 3 by wide by 6 ft long, potentially USTs. In addition to this, an oil fill and return line was observed in the basement of the residence of lot 31, on the east side of the building. Due to the irregular surface in this area, the GPR was unable to be used to detect any underground anomaly associated with the oil fill.
2. A direct push soil boring and sampling program of the overburden at the Site, as well as the use of hand tools were implemented. Soil borings were advanced with a track-mounted Geoprobe® Systems Model 6712 DT direct-push sampling system within lots 29 and 31. The use of direct-push technology allows for rapid sampling, observation, and characterization of overburden soils. The Geoprobe utilizes a 5-foot MacroCore® sampler with disposable polyethylene sleeves. Soil cores are retrieved in 5-foot sections and can be easily cut from the polyethylene sleeves for observation and sampling. The MacroCore® sampler was decontaminated between boring locations using an alconox and potable water solution. Hand samples were taken within lot 34 from 0 to 2 ft bgs and 2 to 4 ft bgs because the lot was inaccessible by a drill rig. Samples were screened by visual and olfactory methods as well as a calibrated photoionization detector (PID) to determine the potential presence of contamination. A total of 16 soil borings were advanced at the Site to depths ranging from 2 to 14 feet (ft) below ground surface (bgs). Soil boring locations are depicted on Figure 2.
3. Soils from the borings were continuously assessed for visible impairment, olfactory indications of impairment, and/or indication of detectable volatile organic compounds (VOCs) with a photo-ionization detector (PID). Positive indications from any of these screening methods are collectively referred to as “evidence of impairment.”
4. Soil samples were taken according to visual, olfactory and PID screening results. Soil samples (in a cooler on ice) and soil vapor sample canisters sent under standard chain of custody procedures to Pace Analytical in Westborough, MA, and Environmental Laboratory Accreditation Program (ELAP) certified laboratory. The following laboratory analysis was performed:
5. Sub slab soil vapor samples were taken according to PID screening results within the building of lot 29. Multiple holes were drilled through the 12-inch slab and PID readings were scanned.



Out of the 12 holes that were drilled, 3 locations with the highest PID readings were chosen for collection of a sub slab soil vapor sample. An additional sub slab soil vapor sample was taken in the basement of the residential house in lot 31, and one soil vapor sample was taken at a depth of 5 ft below ground surface. A total of 4 sub slab soil vapor samples and 1 soil vapor sample were collected. Prior to soil vapor sampling, a tracer gas test with helium was used to verify the integrity of the soil vapor probe seal. The samples were collected using 6-liter SUMMA canisters and sampled for 2 hours. Soil vapor sampling locations are depicted on Figure 2.

a. Soil

Sample ID	Exploration Location	Sample Depth (ft bgs)	Laboratory Analyses
SB-01 (11-12')	Interior of 322 Warburton Avenue structure - west	11 to 12	- NY TCL 8270 - NY TCL 8270
SB-02 (6-8')	Interior of 322 Warburton Avenue structure - east	6 to 8	
SB-03 (10-11')	East exterior of 322 Warburton structure	10 to 11	- TAL Metals
SB-07 (2-3')	West exterior of garage on eastern side of Lot 31	2 to 3	- NY TCL 8270 - TAL Metals
SB-08 (12-14')	South exterior of garage on eastern side of Lot 31	12 to 14	
SB-09 (0-2')	Lot 34	0 to 2	- NY TCL 8260 - NY TCL 8270 - TAL Metals
SB-10 (0-2')	Lot 34	0 to 2	
SB-11 (0-2')	Lot 34	0 to 2	
SB-12 (2-4')	South exterior of 322 Warburton Avenue structure	2 to 4	- NY TCL 8260 - NY TCL 8270 - TAL Metals
SB-13 (0-2')	Lot 34	0 to 2	- NY TCL 8260 - NY TCL 8270 - TAL metals
SB-15 (0-2')	Lot 34	0 to 2	- NY TCL 8270 - RCRA metals
SB-16 (0-2')	Along wall on the southern border of Lot 31	0 to 2	- NY TCL 8260 - NY TCL 8270 - TAL metals
SB-17 (0-2')	East exterior of 316 Warburton Avenue structure in Lot 31	0 to 2	- NY TCL 8260
SB-17 (2-4')	East exterior of 316 Warburton Avenue structure in Lot 31	2 to 4	- NY TCL 8270 - TAL metals
SB-17 (6-8')	East exterior of 316 Warburton Avenue structure in Lot 31	6 to 8	- NY TCL 8260

Notes:



1. USEPA Target Compound List (TCL) and New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy (CP-51) list VOC analysis performed via USEPA Method 8260
2. CP-51 List SVOC analysis performed via USEPA Method 8270
3. Resource Conservation and Recovery Act (RCRA) metals analysis performed via USEPA Method 6010/7470
4. TO-15 List Toxic Organics: Volatile Organic Compounds in Air

b. Soil Vapor

Sample ID	Exploration Location	Screened Interval (ft bgs)	Laboratory Analyses
SS-1	Southwest corner of 322 Warburton Avenue structure in Lot 29	Sub-slab	- TO-15
SS-2	Center of 322 Warburton Avenue structure in Lot 29	Sub-slab	
SS-3	Northeast corner of 322 Warburton Avenue structure in Lot 29	Sub-slab	
SS-4	Northwest corner of 316 Warburton Avenue basement in Lot 31	Sub-slab	
SV-1	Lot 31, next to front parking lot along Warburton Avenue	5 ft bgs	

5.0 FINDINGS

5.1 Site Geology and Hydrology

Due to site access limitations, the scope of work was divided into two days. Ten (10) soil borings were advanced within lots 31 and 34 on June 5th, 2024, designated SB-01 through SB-09, and SB-12. An additional six (6) borings were advanced within lots 31 and 34 on July 2nd, 2024. The borings were advanced to equipment refusal. Terminal depths of the borings ranged from approximately 2 to 14 ft bgs.

Soils at the Site consisted generally of glacial till comprised of tightly packed brown sand, sandy silts and fine to coarse subangular and subrounded gravel. Evidence of historic fill material was observed including brick, loose sand and miscellaneous debris at multiple sampling locations. All soil cores were continuously assessed by a LaBella Environmental Geologist for soil type and evidence of impairment. Elevated PID readings (i.e., greater than 1 part per million (ppm)) were observed in five (5) of the sixteen (16) soil borings, with the highest PID readings (3.5. ppm) measured in SB-17 at approximately 12-14-ft bgs. Refer to Section 5.2 for additional information regarding field screening results.

Soil boring and monitoring well locations are shown on Figure 2. Copies of the Soil Boring and Monitoring Well Logs are included in Appendix 1.

5.2 Field Screening Results

The table below summarizes PID readings obtained at various depth intervals from the soil borings:



Test Boring/Well Summary and Soil PID Readings

Test Boring ID	Sample Interval (ft bgs)							
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16
SB-01	0.0	0.0	0.0	0.0	0.0	0.8	0.0	--
SB-02	0.0	0.0	0.0	3.2	0.0	0.3	0.0	0.0
SB-03	0.0	0.005	0.0	0.0	0.02	0.0	0.005	0.0
SB-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB-05	0.15	0.0	0.0*	0.0	0.0	0.0	--	--
SB-06	0.0	0.0	0.0	0.0	0.0	0.0*	--	--
SB-07	0.0	0.0	0.0	0.0	0.0	--	--	--
SB-08	0.0	0.0	0.0	0.0	0.0	0.0	--	--
SB-09	0.0	0.0	0.0	0.0	0.0	0.0	--	--
SB-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB-11	0.0	--	--	--	--	--	--	--
SB-12	0.0	1.1	--	--	--	--	--	--
SB-13	0.0	--	--	--	--	--	--	--
SB-15	1.1	--	--	--	--	--	--	--
SB-16	0.0	2.8	1.1	0.0	0.0	0.0	3.5	--
SB-17	0.0	2.8	1.1	0.0	0.0	0.0	3.5	--

Notes:

1. All PID readings were collected utilizing a ppbrae 3000+ photoionization detector. Units are expressed in parts per million.
2. The PID screening is performed as a method of determining general presence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil and are not considered to be a direct quantization of actual soil VOC concentration.
3. "--" denotes boring not completed to above-listed depth or insufficient recovery occurred at specified depth.
4. "*" denotes a soil sample was submitted for laboratory analysis from this interval.

5.3 Laboratory Analytical Results

5.3.1 Soil

Samples were submitted for laboratory analysis of United States Environmental Protection Agency (USEPA) Target Compound List (TCL) and New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy (CP)-51 list volatile organic compounds (VOCs), NYSDEC CP-51 list semi-volatile organic compounds (SVOCs) and Resource Conservation and Recovery Act (RCRA) Metals via EPA Methods 6010/74/71. Results were compared to NYSDEC New York Codes, Rules and Regulations (NYCRR) Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (UUSCOs), Commercial Use Soil Cleanup Objectives (CUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGSCOs).

Lot 29:

Metals:

Lead (396 mg/kg, UUSCO of 63 mg/kg) and Mercury (0.321 mg/kg, UUSCO of 0.18 mg/kg) were detected in exceedance of UUSCOs. Metals were detected in sample SB-03 (10-11') above laboratory MDLs; however, the concentrations of metals detected do not exceed any of the compared SCOs.



VOCs:

VOCs were detected in soil samples SB-01 (11-12'), SB-02 (6-8') and SB-12 (2-4') at concentrations above laboratory method detection limits (MDLs); however, the concentrations detected do not exceed any of the compared SCOs.

SVOCs:

SVOCs were detected in soil sample SB-12 (2-4') at concentrations above laboratory MDLs; however, the concentrations do not exceed any of the compared SCOs. SB-01 (11-12').

Lot 31:

Metals:

Lead (1,080 mg/kg, CUSCO of 1,000 mg/kg) was detected in sample SB-17 (2-4') in exceedance of its CUSCO. In addition, Mercury (0.245 mg/kg, UUSCO of 0.18 mg/kg) and Zinc (249 mg/kg, UUSCO of 109 mg/kg) were detected in SB-17 (2-4') in exceedance of UUSCOs. Lead (197 mg/kg, UUSCO of 63 mg/kg) and Zinc (120 mg/kg, UUSCO of 109 mg/kg) were detected in sample SB-16 (0-2') in exceedance of UUSCOs. Metals were detected in samples SB-07 (2-3') and SB-08 (12-14') at concentrations above laboratory SCOs; however, the concentrations detected do not exceed any of the compared SCOS.

VOCs:

VOCs were detected in samples SB-17 (6-8') and SB-16 (0-2') at concentrations above laboratory MDLs; however, the concentrations detected do not exceed any of the compared SCOs.

SVOCs:

SVOCs were detected in samples SB-07 (2-3'), SB-16 (0-2'), and SB-17 (2-4') at concentrations above laboratory MDLs; however, the concentrations detected do not exceed any of the compared SCOs.

Lot 34:

Metals:

Lead was detected in SB-15 (0-2') (534 mg/kg) in exceedance of its PGSCO (450 mg/kg), in SB-10 (0-2') (425 mg/kg) in exceedance of its RRSCO (400 mg/kg), and in SB-09 (0-2') (265 mg/kg), SB-11 (0-2') (102 mg/kg), and SB-13 (0-2') (252 mg/kg) in exceedance of its UUSCO (63 mg/kg). Zinc was detected in SB-09 (0-2') (114 mg/kg), SB-10 (0-2') (150 mg/kg), SB-11 (0-2') (111 mg/kg), SB-13 (0-2') (128 mg/kg), and SB-15 (0-2') (177 mg/kg) in exceedance of its UUSCO (109 mg/kg).

VOCs:

VOCs were detected in sample SB-09 (0-2') at concentrations above laboratory MDLs; however, the concentrations detected do not exceed any of the compared SCOs.

SVOCs:

SVOCs were detected in samples SB-09 (0-2'), SB-10 (0-2'), SB-11 (0-2'), SB-13 (0-2'), and SB-15 (0-2'); however, the concentrations detected do not exceed any of the compared SCOs.

Refer to Table 1 for a summary of detected compounds in soil. The laboratory report is included as Appendix 2.



5.3.2 Soil Vapor

Four (4) sub-slab and one (1) soil vapor samples were collected and submitted for laboratory analysis by method TO-15. It should be noted that there are currently no soil vapor guidance values in NYS. Although there are no direct comparison values, for sub-slab vapor (SS-1 – SS-4) and soil vapor (SV-1) samples, the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006 with subsequent updates) was utilized for comparison purposes. Specifically, the Decision Matrices were utilized and any concentration that would require mitigation regardless of the indoor air concentration is shown as an ‘exceedence’. The following presents a summary of air analytical results:

Lot 29:

SS-1:

Tetrachloroethene (13,100 µg/m³) and cis-1,2-Dichloroethene (1,180 µg/m³) were detected at elevated concentrations compared to the NYSDOH Decision Matrices.

SS-2:

Tetrachloroethene (759,000 µg/m³) and Trichloroethene (3,240 µg/m³) were detected at elevated concentrations compared to the NYSDOH Decision Matrices.

SS-3:

Tetrachloroethene (105,000 µg/m³) and Trichloroethene (330 µg/m³) were detected at elevated concentrations compared to the NYSDOH Decision Matrices.

Lot 31:

SS-4:

Numerous VOCs were detected in the sample from SS-4.

SV-1:

Numerous VOCs were detected in the sample from SV-1.

Lot 34:

Soil vapor sampling was not performed on Lot 34.

Refer to Table 2 for a summary of detected compounds in soil vapor. The laboratory report is included as Appendix 2.

6.0 CONCLUSIONS

LaBella was retained by Hillside Properties LLC, to conduct a Phase II ESA at the property located at 312, 316, & 322 Warburton Avenue in the City of Yonkers, Westchester County, New York. The ESA consisted of the advancement of seventeen (17) soil borings, four (4) sub-slab vapor sampling points, and one (1) soil vapor monitoring point. and laboratory analysis of fifteen (15) soil, four (4) sub-slab soil vapor and one (1) soil vapor samples. This ESA was performed to evaluate the Site to assess the RECs identified in the 2024 Phase I ESA and to pursue an application to the Brownfield Cleanup Program (BCP).

VOCs were detected in all sub-slab vapor samples as well as the soil vapor sample. Tetrachloroethene was detected at very high levels in the sub-slab vapor samples taken from below to slab of the former



Rappaport Cleaners structure in Lot 29. The concentrations beneath the slab likely represent a source area in soil and/or groundwater below the building. Additionally, tetrachloroethene was detected in the sub-slab soil vapor and soil vapor samples taken from Lot 31. Other VOCs that were detected in both Lots 29 and 31 include Acetone, Benzene, Ethylbenzene, o-Xylene, and Toluene. Chloroform, cis-1,2-Dichloroethene, Styrene, and Trichloroethene were also detected in Lot 29, and 1,2,4-Trimethylbenzene, 4-ethyltoluene, and Carbon disulfide were detected in Lot 31. Although indoor air samples were not collected during the sampling, the concentrations beneath the floor slab of the Lot 29 building indicate mitigation of the building is warranted.

Soil on-Site contains metals in exceedance of various SCOs. Lead was detected in Lot 29 in exceedance of its UUSCO, in Lot 31 in exceedance of its CUSCO and UUSCO, and in Lot 34 in exceedance of its PGSCO, RRSCO, and UUSCO. Mercury was detected in Lots 29 and 31 in exceedance of its UUSCO. Zinc was detected in exceedance of its UUSCO in Lots 31 and 34.

7.0 RECOMMENDATIONS

Based on the findings, the following recommendations are provided:

1. Based on the sub-slab soil vapor concentrations, the structure on Lot 29 is recommended to have a sub-slab depressurization system (SSDS) be installed.
2. Based on the sub-slab soil vapor concentrations, the structure on Lot 31 is recommended to have sub-slab soil vapor and indoor air sampling to evaluate if concentrations beneath/in that building warrant mitigation.
3. The data obtained to date should be provided to NYSDEC and it is likely that all three parcels would be eligible for further investigation/remediation through the NYSDEC Brownfield Program.

A copy of all information collected during this assessment, including maps, notes, analytical data and other material will be kept on file at the offices of LaBella Associates, D.P.C. This information is available upon the request.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Report Prepared By:

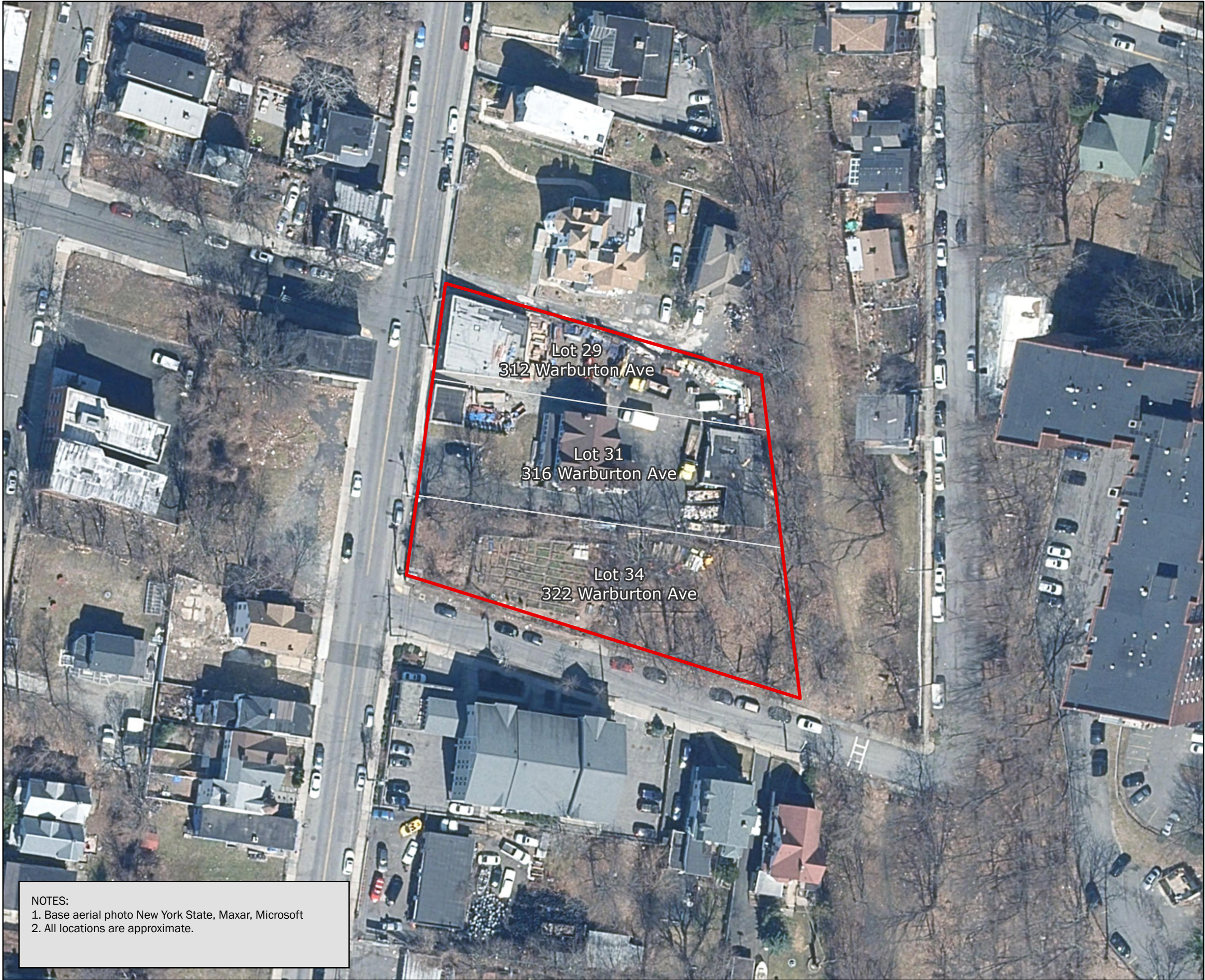
Wilson Corella
Environmental Engineer

Report Reviewed By:

Dan Noll, PE
Vice President



FIGURES

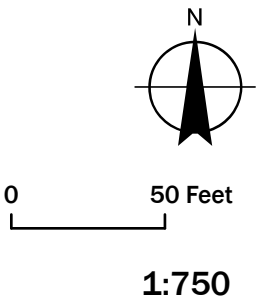


NOTES:
1. Base aerial photo New York State, Maxar, Microsoft
2. All locations are approximate.



312, 316, 322 Warburton Ave

312, 316, 322 Warburton Ave,
Yonkers, NY, 10701
Phase II



Legend

-  Site Boundary
-  Tax Lots

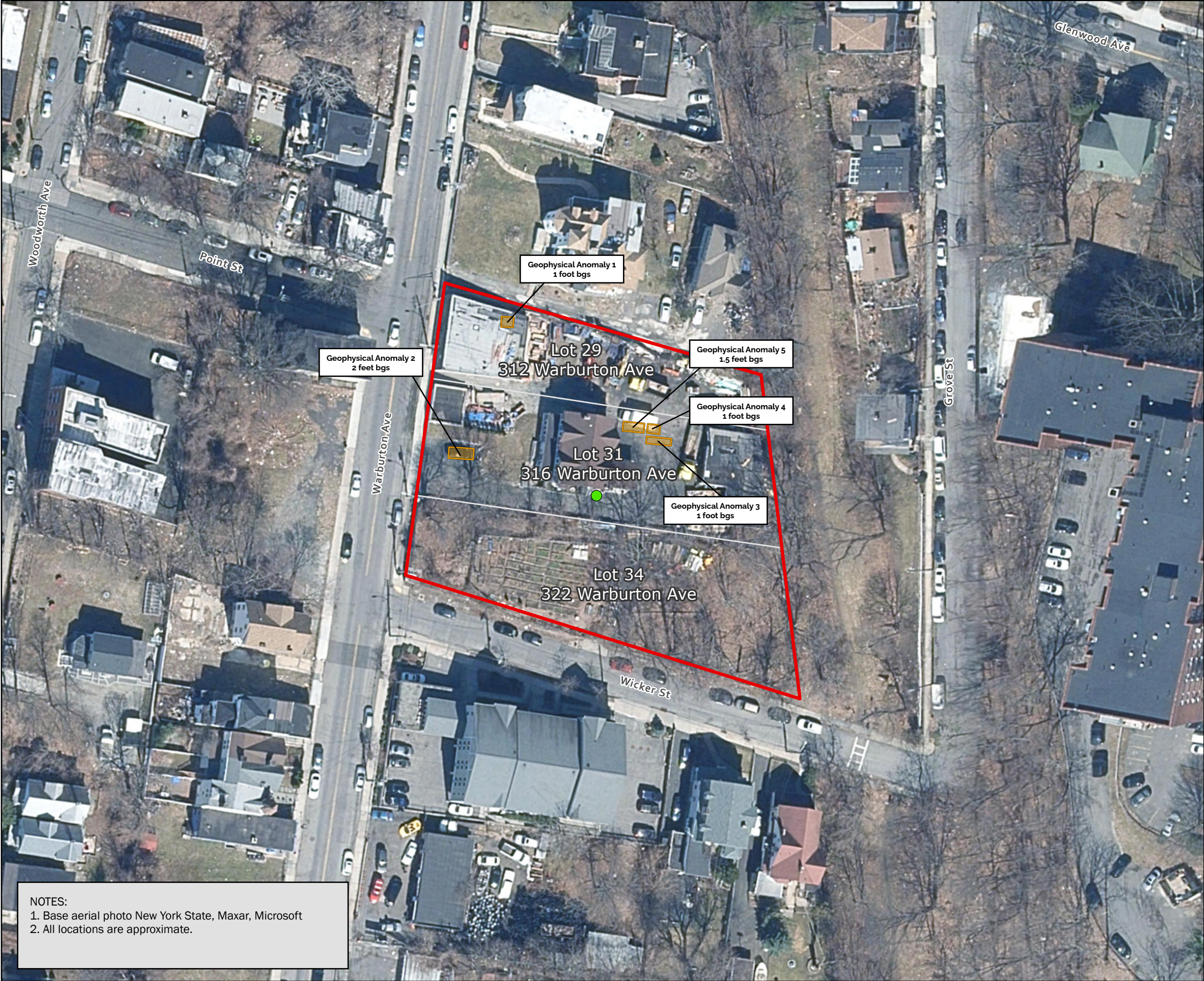
LaBella Project No: 2242536

Date: 8/15/2024

Intended to Print as 11" x 17"

Site Location Map

FIGURE 1

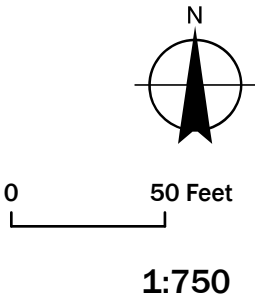


NOTES:
1. Base aerial photo New York State, Maxar, Microsoft
2. All locations are approximate.



312, 316, 322 Warburton Ave

312, 316, 322 Warburton Ave,
Yonkers, NY, 10701
Phase II



- Legend
- Geophysical Anomaly
 - Site Boundary
 - Tax Lots
 - Oil Feed and Return Line

LaBella Project No: 2242536

Date: 8/19/2024

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Geophysical Findings Map

FIGURE 2

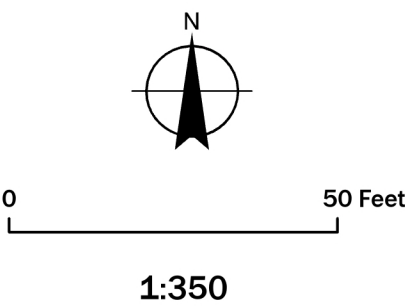


NOTES:
1. Base aerial photo New York State, Maxar, Microsoft
2. All locations are approximate.



312, 316, 322 Warburton Ave

312, 316, 322 Warburton Ave,
Yonkers, NY, 10701
Phase II



- Legend
- Sub-slab (green circle)
 - Soil Vapor (cyan circle)
 - Soil boring (red circle)
 - Tax Lots (white square)
 - Site Boundary (red outline)

LaBella Project No: 2242536

Date: 7/19/2024
Intended to Print as 11" x 17"

Sampling Locations

FIGURE 3



TABLES

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-01 (11-12')	SB-02 (6-8')	SB-03 (10-11')	SB-07 (2-3')	SB-08 (12-14')	SB-09 (0-2')	SB-10 (0-2')
LAB ID: L2431342-01					L2431342-02	L2431342-03	L2431342-04	L2431342-05	L2431342-06	L2431342-07	L2431342-08
COLLECTION DATE: 6/5/2024					6/5/2024	6/5/2024	6/5/2024	6/5/2024	6/5/2024	7/2/2024	7/2/2024
SAMPLE MATRIX: Soil					Soil	Soil	Soil	Soil	Soil	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results
TOTAL METALS											
General Chemistry											
Solids, Total					94.1	94.8	92.3	76.5	84.2	87.9	85.6
Volatile Organics by EPA 5035											
Methylene chloride	500	0.05	100	0.05	ND	ND	-	-	-	0.0057	ND
1,1-Dichloroethane	240	0.27	26	0.27	ND	ND	-	-	-	0.0011	ND
Chloroform	350	0.37	49	0.37	ND	ND	-	-	-	0.0017	ND
Carbon tetrachloride	22	0.76	2.4	0.76	ND	ND	-	-	-	0.0011	ND
1,2-Dichloropropane					ND	ND	-	-	-	0.0011	ND
Dibromochloromethane					ND	ND	-	-	-	0.0011	ND
1,1,2-Trichloroethane					ND	ND	-	-	-	0.0011	ND
Tetrachloroethene	150	1.3	19	1.3	0.027	0.068	-	-	-	0.00057	ND
Chlorobenzene	500	1.1	100	1.1	ND	ND	-	-	-	0.00057	ND
Trichlorofluoromethane					ND	ND	-	-	-	0.0046	ND
1,2-Dichloroethane	30	0.02	3.1	0.02	ND	ND	-	-	-	0.0011	ND
1,1,1-Trichloroethane	500	0.68	100	0.68	ND	ND	-	-	-	0.00057	ND
Bromodichloromethane					ND	ND	-	-	-	0.00057	ND
trans-1,3-Dichloropropene					ND	ND	-	-	-	0.0011	ND
cis-1,3-Dichloropropene					ND	ND	-	-	-	0.00057	ND
1,3-Dichloropropene, Total					ND	ND	-	-	-	0.00057	ND
1,1-Dichloropropene					ND	ND	-	-	-	0.00057	ND
Bromoforn					ND	ND	-	-	-	0.0046	ND
1,1,2,2-Tetrachloroethane					ND	ND	-	-	-	0.00057	ND
Benzene	44	0.06	4.8	0.06	0.00018J	ND	-	-	-	0.00057	ND
Toluene	500	0.7	100	0.7	0.00062J	ND	-	-	-	0.0011	ND
Ethylbenzene	390	1	41	1	ND	ND	-	-	-	0.0011	ND
Chloromethane					ND	ND	-	-	-	0.0046	ND
Bromomethane					ND	ND	-	-	-	0.0023	ND
Vinyl chloride	13	0.02	0.9	0.02	ND	ND	-	-	-	0.0011	ND
Chloroethane					ND	ND	-	-	-	0.0023	ND
1,1-Dichloroethene	500	0.33	100	0.33	ND	ND	-	-	-	0.0011	ND
trans-1,2-Dichloroethene	500	0.19	100	0.19	ND	ND	-	-	-	0.0017	ND
Trichloroethene	200	0.47	21	0.47	ND	ND	-	-	-	0.00057	ND
1,2-Dichlorobenzene	500	1.1	100	1.1	ND	ND	-	-	-	0.0023	ND
1,3-Dichlorobenzene	280	2.4	49	2.4	ND	ND	-	-	-	0.0023	ND
1,4-Dichlorobenzene	130	1.8	13	1.8	ND	ND	-	-	-	0.0023	ND
Methyl tert butyl ether	500	0.93	100	0.93	ND	ND	-	-	-	0.0023	ND
p/m-Xylene					ND	ND	-	-	-	0.0023	ND
o-Xylene					ND	ND	-	-	-	0.0011	ND
Xylenes, Total	500	1.6	100	0.26	ND	ND	-	-	-	0.0011	ND
cis-1,2-Dichloroethene	500	0.25	100	0.25	0.00019J	ND	-	-	-	0.0011	ND
1,2-Dichloroethene, Total					0.00019J	ND	-	-	-	0.0011	ND
Dibromomethane					ND	ND	-	-	-	0.0023	ND
Styrene					ND	ND	-	-	-	0.0011	ND
Dichlorodifluoromethane					ND	ND	-	-	-	0.011	ND
Acetone	500	0.05	100	0.05	ND	0.0056J	-	-	-	0.011	ND
Carbon disulfide					ND	ND	-	-	-	0.011	ND
2-Butanone	500	0.12	100	0.12	ND	ND	-	-	-	0.011	ND
Vinyl acetate					ND	ND	-	-	-	0.011	ND
4-Methyl-2-pentanone					ND	ND	-	-	-	0.011	ND
1,2,3-Trichloropropane					ND	ND	-	-	-	0.0023	ND
2-Hexanone					ND	ND	-	-	-	0.011	ND
Bromochloromethane					ND	ND	-	-	-	0.0023	ND
2,2-Dichloropropane					ND	ND	-	-	-	0.0023	ND
1,2-Dibromomethane					ND	ND	-	-	-	0.0011	ND
1,3-Dichloropropane					ND	ND	-	-	-	0.0023	ND
1,1,1,2-Tetrachloroethane					ND	ND	-	-	-	0.00057	ND
Bromobenzene					ND	ND	-	-	-	0.0023	ND
n-Butylbenzene	500	12	100	12	ND	ND	-	-	-	0.0011	ND
sec-Butylbenzene	500	11	100	11	ND	ND	-	-	-	0.0011	ND
tert-Butylbenzene	500	5.9	100	5.9	ND	ND	-	-	-	0.0023	ND
p-Chlorotoluene					ND	ND	-	-	-	0.0023	ND
p-Chlorotoluene					ND	ND	-	-	-	0.0023	ND
1,2-Dibromo-3-chloropropane					ND	ND	-	-	-	0.0034	ND
Hexachlorobutadiene					ND	ND	-	-	-	0.0046	ND
Isopropylbenzene					ND	ND	-	-	-	0.0011	ND
p-Isopropyltoluene					ND	ND	-	-	-	0.0011	ND
Naphthalene	500	12	100	12	ND	ND	-	-	-	0.0046	ND
Acrylonitrile					ND	ND	-	-	-	0.0046	ND
n-Propylbenzene	500	3.9	100	3.9	ND	ND	-	-	-	0.0011	ND
1,2,3-Trichlorobenzene					ND	ND	-	-	-	0.0023	ND
1,2,4-Trichlorobenzene					ND	ND	-	-	-	0.0023	ND
1,3,5-Trimethylbenzene	190	8.4	52	8.4	ND	ND	-	-	-	0.0023	ND
1,2,4-Trimethylbenzene	190	3.6	52	3.6	ND	ND	-	-	-	0.0023	ND
1,4-Dioxane	130	0.1	13	0.1	ND	ND	-	-	-	0.091	ND
p-Diethylbenzene					ND	ND	-	-	-	0.0023	ND
p-Ethyltoluene					ND	ND	-	-	-	0.0023	ND
1,2,4,5-Tetramethylbenzene					ND	ND	-	-	-	0.0023	ND
Ethyl ether					ND	ND	-	-	-	0.0023	ND
trans-1,4-Dichloro-2-butene					ND	ND	-	-	-	0.0057	ND
Volatile Organics by EPA 5035 High											
Methylene chloride	500	0.05	100	0.05	-	ND	-	-	-		
1,1-Dichloroethane	240	0.27	26	0.27	-	ND	-	-	-		
Chloroform	350	0.37	49	0.37	-	ND	-	-	-		
Carbon tetrachloride	22	0.76	2.4	0.76	-	ND	-	-	-		

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-01 (11-12)	SB-02 (6-8)	SB-03 (10-11)	SB-07 (2-3)	SB-08 (12-14)	SB-09 (0-2)	SB-10 (0-2)
LAB ID:	PART 375	PART 375	PART 375	PART 375	L2431342-01	L2431342-02	L2431342-03	L2431342-04	L2431342-05	7/2/2024	7/2/2024
COLLECTION DATE:	CUSCOs	PGSCOs	RRSCOs	UUSCOs	6/5/2024	6/5/2024	6/5/2024	6/5/2024	6/5/2024	L2437875-01	L2437875-02
SAMPLE MATRIX:					Soil	Soil	Soil	Soil	Soil	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results
1,2-Dichloropropane					-	ND	-	-	-		
Dibromochloromethane					-	ND	-	-	-		
1,1,2-Trichloroethane					-	ND	-	-	-		
Tetrachloroethene	150	1.3	19	1.3	-	0.55	-	-	-		
Chlorobenzene	500	1.1	100	1.1	-	ND	-	-	-		
Trichlorofluoromethane					-	ND	-	-	-		
1,2-Dichloroethane	30	0.02	3.1	0.02	-	ND	-	-	-		
1,1,1-Trichloroethane	500	0.68	100	0.68	-	ND	-	-	-		
Bromodichloromethane					-	ND	-	-	-		
trans-1,3-Dichloropropene					-	ND	-	-	-		
cis-1,3-Dichloropropene					-	ND	-	-	-		
1,3-Dichloropropene, Total					-	ND	-	-	-		
1,1-Dichloropropene					-	ND	-	-	-		
Bromoform					-	ND	-	-	-		
1,1,2,2-Tetrachloroethane					-	ND	-	-	-		
Benzene	44	0.06	4.8	0.06	-	ND	-	-	-		
Toluene	500	0.7	100	0.7	-	ND	-	-	-		
Ethylbenzene	390	1	41	1	-	ND	-	-	-		
Chloromethane					-	ND	-	-	-		
Bromomethane					-	ND	-	-	-		
Vinyl chloride	13	0.02	0.9	0.02	-	ND	-	-	-		
Chloroethane					-	ND	-	-	-		
1,1-Dichloroethene	500	0.33	100	0.33	-	ND	-	-	-		
trans-1,2-Dichloroethene	500	0.19	100	0.19	-	ND	-	-	-		
Trichloroethene	200	0.47	21	0.47	-	ND	-	-	-		
1,2-Dichlorobenzene	500	1.1	100	1.1	-	ND	-	-	-		
1,3-Dichlorobenzene	280	2.4	49	2.4	-	ND	-	-	-		
1,4-Dichlorobenzene	130	1.8	13	1.8	-	ND	-	-	-		
Methyl tert butyl ether	500	0.93	100	0.93	-	ND	-	-	-		
p/m-Xylene					-	ND	-	-	-		
o-Xylene					-	ND	-	-	-		
Xylenes, Total	500	1.6	100	0.26	-	ND	-	-	-		
cis-1,2-Dichloroethene	500	0.25	100	0.25	-	ND	-	-	-		
1,2-Dichloroethene, Total					-	ND	-	-	-		
Dibromomethane					-	ND	-	-	-		
Styrene					-	ND	-	-	-		
Dichlorodifluoromethane					-	ND	-	-	-		
Acetone	500	0.05	100	0.05	-	ND	-	-	-		
Carbon disulfide					-	ND	-	-	-		
2-Butanone	500	0.12	100	0.12	-	ND	-	-	-		
Vinyl acetate					-	ND	-	-	-		
4-Methyl-2-pentanone					-	ND	-	-	-		
1,2,3-Trichloropropane					-	ND	-	-	-		
2-Hexanone					-	ND	-	-	-		
Bromochloromethane					-	ND	-	-	-		
2,2-Dichloropropane					-	ND	-	-	-		
1,2-Dibromoethane					-	ND	-	-	-		
1,3-Dichloropropane					-	ND	-	-	-		
1,1,1,2-Tetrachloroethane					-	ND	-	-	-		
Bromobenzene					-	ND	-	-	-		
p-Butylbenzene	500	12	100	12	-	ND	-	-	-		
sec-Butylbenzene	500	11	100	11	-	ND	-	-	-		
tert-Butylbenzene	500	5.9	100	5.9	-	ND	-	-	-		
p-Chlorotoluene					-	ND	-	-	-		
p-Chlorotoluene					-	ND	-	-	-		
1,2-Dibromo-3-chloropropane					-	ND	-	-	-		
Hexachlorobutadiene					-	ND	-	-	-		
Isopropylbenzene					-	ND	-	-	-		
p-Isopropyltoluene					-	ND	-	-	-		
Naphthalene	500	12	100	12	-	ND	-	-	-		
Acrylonitrile					-	ND	-	-	-		
n-Propylbenzene	500	3.9	100	3.9	-	ND	-	-	-		
1,2,3-Trichlorobenzene					-	ND	-	-	-		
1,2,4-Trichlorobenzene					-	ND	-	-	-		
1,3,5-Trimethylbenzene	190	8.4	52	8.4	-	ND	-	-	-		
1,2,4-Trimethylbenzene	190	3.6	52	3.6	-	ND	-	-	-		
1,4-Dioxane	130	0.1	13	0.1	-	ND	-	-	-		
p-Diethylbenzene					-	ND	-	-	-		
p-Ethyltoluene					-	ND	-	-	-		
1,2,4,5-Tetramethylbenzene					-	ND	-	-	-		
Ethyl ether					-	ND	-	-	-		
trans-1,4-Dichloro-2-butene					-	ND	-	-	-		
Semi-volatile Organics by GC/MS											
Acenaphthene	500	98	100	20	-	-	-	ND	ND	0.15	0.037 J
1,2,4-Trichlorobenzene					-	-	-	ND	ND	0.19	ND
Hexachlorobenzene	6	3.2	1.2	0.33	-	-	-	ND	ND	0.11	ND
Bis(2-chloroethyl)ether					-	-	-	ND	ND	0.17	ND
2-Chloronaphthalene					-	-	-	ND	ND	0.19	ND
1,2-Dichlorobenzene	500	1.1	100	1.1	-	-	-	ND	ND	0.19	ND
1,3-Dichlorobenzene	280	2.4	49	2.4	-	-	-	ND	ND	0.19	ND
1,4-Dichlorobenzene	130	1.8	13	1.8	-	-	-	ND	ND	0.19	ND
3,3'-Dichlorobenzidine					-	-	-	ND	ND	0.19	ND
2,4-Dinitrotoluene					-	-	-	ND	ND	0.19	ND
2,6-Dinitrotoluene					-	-	-	ND	ND	0.19	ND
Fluoranthene	500	1000	100	100	-	-	-	ND	ND	0.4	0.83

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-01 (11-12)	SB-02 (6-8)	SB-03 (10-11)	SB-07 (2-3)	SB-08 (12-14)	SB-09 (0-2)	SB-10 (0-2)
LAB ID:	PART 375	PART 375	PART 375	PART 375	L2431342-01	L2431342-02	L2431342-03	L2431342-04	L2431342-05	7/2/2024	7/2/2024
COLLECTION DATE:	CUSCOs	PGSCOs	RRSCOs	UUSCOs	6/5/2024	6/5/2024	6/5/2024	6/5/2024	6/5/2024	L2437875-01	L2437875-02
SAMPLE MATRIX:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Soil	Soil	Soil	Soil	Soil	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results
4-Chlorophenyl phenyl ether					-	-	-	ND	ND	0.19	ND
4-Bromophenyl phenyl ether					-	-	-	ND	ND	0.19	ND
Bis(2-chloroisopropyl) ether					-	-	-	ND	ND	0.22	ND
Bis(2-chloroethoxy)methane					-	-	-	ND	ND	0.2	ND
Hexachlorobutadiene					-	-	-	ND	ND	0.19	ND
Hexachlorocyclopentadiene					-	-	-	ND	ND	0.53	ND
Hexachloroethane					-	-	-	ND	ND	0.15	ND
Isophorone					-	-	-	ND	ND	0.17	ND
Naphthalene	500	12	100	12	-	-	-	0.12 J	ND	0.19	0.051 J
Nitrobenzene					-	-	-	ND	ND	0.17	ND
NDPA/DPA					-	-	-	ND	ND	0.15	ND
n-Nitrosodi-n-propylamine					-	-	-	ND	ND	0.19	ND
Bis(2-ethylhexyl)phthalate					-	-	-	ND	ND	0.24	ND
Butyl benzyl phthalate					-	-	-	ND	ND	0.19	ND
Di-n-butylphthalate					-	-	-	ND	ND	0.19	ND
Di-n-octylphthalate					-	-	-	ND	ND	0.19	ND
Diethyl phthalate					-	-	-	ND	ND	0.19	ND
Dimethyl phthalate					-	-	-	ND	ND	0.19	ND
Benzo(a)anthracene	5.6	1	1	1	-	-	-	ND	ND	0.19	0.36
Benzo(a)pyrene	1	22	1	1	-	-	-	ND	ND	0.22	0.36
Benzo(b)fluoranthene	5.6	1.7	1	1	-	-	-	ND	ND	0.29	0.53
Benzo(k)fluoranthene	56	1.7	3.9	0.8	-	-	-	ND	ND	0.1	0.18
Chrysene	56	1	3.9	1	-	-	-	ND	ND	0.22	0.42
Acenaphthylene	500	207	100	100	-	-	-	ND	ND	0.15	0.07 J
Anthracene	500	1000	100	100	-	-	-	ND	ND	0.042	0.13
Benzo(g,h)perylene	500	1000	100	100	-	-	-	ND	ND	0.17	0.29
Fluorene	500	366	100	30	-	-	-	ND	ND	0.19	0.048 J
Phenanthrene	500	1000	100	100	-	-	-	0.051 J	ND	0.14	0.48
Dibenz(a,h)anthracene	0.56	1000	0.33	0.33	-	-	-	ND	ND	0.04	0.066 J
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.5	0.5	-	-	-	ND	ND	0.15	0.26
Pyrene	500	1000	100	100	-	-	-	ND	ND	0.34	0.67
Biphenyl					-	-	-	ND	ND	0.42	ND
4-Chloroaniline					-	-	-	ND	ND	0.19	ND
2-Nitroaniline					-	-	-	ND	ND	0.19	ND
3-Nitroaniline					-	-	-	ND	ND	0.19	ND
4-Nitroaniline					-	-	-	ND	ND	0.19	ND
Dibenzofuran	350	210	59	7	-	-	-	0.02J	ND	0.19	0.039
2-Methylnaphthalene					-	-	-	0.074J	ND	0.22	0.07 J
1,2,4,5-Tetrachlorobenzene					-	-	-	ND	ND	0.19	ND
Acetophenone					-	-	-	ND	ND	0.19	ND
2,4,6-Trichlorophenol					-	-	-	ND	ND	0.11	ND
p-Chloro-m-cresol					-	-	-	ND	ND	0.19	ND
2-Chlorophenol					-	-	-	ND	ND	0.19	ND
2,4-Dichlorophenol					-	-	-	ND	ND	0.17	ND
2,4-Dimethylphenol					-	-	-	ND	ND	0.19	ND
2-Nitrophenol					-	-	-	ND	ND	0.4	ND
4-Nitrophenol					-	-	-	ND	ND	0.26	ND
2,4-Dinitrophenol					-	-	-	ND	ND	0.9	ND
4,6-Dinitro-o-cresol					-	-	-	ND	ND	0.48	ND
Pentachlorophenol	6.7	0.8	6.7	0.8	-	-	-	ND	ND	0.15	ND
Phenol	500	0.33	100	0.33	-	-	-	ND	ND	0.19	ND
2-Methylphenol	500	0.33	100	0.33	-	-	-	ND	ND	0.19	ND
3-Methylphenol/4-Methylphenol	500	0.33	100	0.33	-	-	-	ND	ND	0.27	ND
2,4,5-Trichlorophenol					-	-	-	ND	ND	0.19	ND
Benzoic Acid					-	-	-	ND	ND	0.6	ND
Benzyl Alcohol					-	-	-	ND	ND	0.19	ND
Carbazole					-	-	-	ND	ND	0.018	0.062 J
1,4-Dioxane	130	0.1	13	0.1	-	-	-	ND	ND	0.028	ND
Total Metals											
Aluminum, Total										10000	8970
Antimony, Total										4.44	0.512
Arsenic, Total	16	16	16	13	-	-	1.54	4.98	1.74	4.12	5.83
Barium, Total	400	820	400	350	-	-	24.4	15.3	49.2	97.4	100
Beryllium, Total	590	47	72	7.2	-	-	-	-	-	0.372	0.345
Cadmium, Total	9.3	7.5	4.3	2.5	-	-	ND	0.532J	ND	0.226	0.369
Calcium, Total										4950	8940
Chromium, Total										22	23.6
Cobalt, Total										6.98	6.75
Copper, Total	270	1720	270	50						31.2	33.6
Iron, Total										15400	20400
Lead, Total	1000	450	400	63	-	-	4.39	42.1	5.29	265	425
Magnesium, Total										3920	3810
Manganese, Total	10000	2000	2000	1800	-	-	ND	ND	ND	332	293
Mercury, Total	2.8	0.73	0.81	0.18	-	-	ND	ND	ND	0.073	0.182
Nickel, Total	310	130	310	30						17.4	15.6
Potassium, Total										841	853
Selenium, Total	1500	4	180	3.9	-	-	ND	0.358J	ND	1.77	0.46
Silver, Total	1500	8.3	180	2	-	-	ND	ND	ND	0.444	ND
Sodium, Total										67.4	78.2
Thallium, Total										1.77	ND
Vanadium, Total										28	27.1
Zinc, Total	10000	2480	10000	109						114	150

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-11 (0-2')	SB-12 (2-4')	SB-13 (0-2')	SB-15 (0-2')	SB-16 (0-2')	SB-17 (0-2')	SB-17 (2-4')	SB-17 (6-8')
LAB ID:					7/2/2024	L2431342-06	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024
COLLECTION DATE:					L2437675-03	6/5/2024	L2437675-04	L2437675-05	L2437675-06	L2437675-07	L2437675-08	L2437675-09
SAMPLE MATRIX:					SOIL	Soil	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results	Results
TOTAL METALS												
General Chemistry												
Solids, Total					83	93.1	92.6	73.8	91	77.6	92.7	88.6
Volatile Organics by EPA 5035												
Methylene chloride					ND	ND	ND	-	ND	ND	-	0.0044
1,1-Dichloroethane	500	0.05	100	0.05	ND	ND	ND	-	ND	ND	-	0.00088
Chloroform	240	0.27	26	0.27	ND	ND	ND	-	ND	ND	-	0.0013
Carbon tetrachloride	350	0.37	49	0.37	ND	ND	ND	-	ND	ND	-	0.00088
1,2-Dichloropropane	22	0.76	2.4	0.76	ND	ND	ND	-	ND	ND	-	0.00088
Dibromochloromethane					ND	ND	ND	-	ND	ND	-	0.00088
1,1,2-Trichloroethane					ND	ND	ND	-	ND	ND	-	0.00088
Tetrachloroethene	150	1.3	19	1.3	ND	0.0082	ND	-	ND	ND	-	0.00084
Chlorobenzene	500	1.1	100	1.1	ND	ND	ND	-	ND	ND	-	0.00044
Trichlorofluoromethane					ND	ND	ND	-	ND	ND	-	0.0035
1,2-Dichloroethane	90	0.02	3.1	0.02	ND	ND	ND	-	ND	ND	-	0.00088
1,1,1-Trichloroethane	500	0.68	100	0.68	ND	ND	ND	-	ND	ND	-	0.00044
Bromodichloromethane					ND	ND	ND	-	ND	ND	-	0.00044
trans-1,3-Dichloropropene					ND	ND	ND	-	ND	ND	-	0.00088
cis-1,3-Dichloropropene					ND	ND	ND	-	ND	ND	-	0.00044
1,3-Dichloropropene, Total					ND	ND	ND	-	ND	ND	-	0.00044
1,1-Dichloropropene					ND	ND	ND	-	ND	ND	-	0.00044
Bromoforn					ND	ND	ND	-	ND	ND	-	0.0035
1,1,2,2-Tetrachloroethane					ND	ND	ND	-	ND	ND	-	0.00044
Benzene	44	0.06	4.8	0.06	ND	ND	ND	-	ND	ND	-	0.0003
Toluene	500	0.7	100	0.7	ND	ND	ND	-	ND	ND	-	0.00054
Ethylbenzene	390	1	41	1	ND	ND	ND	-	ND	ND	-	0.00052
Chloromethane					ND	ND	ND	-	ND	ND	-	0.0035
Bromomethane					ND	ND	ND	-	ND	ND	-	0.0018
Vinyl chloride	13	0.02	0.9	0.02	ND	ND	ND	-	ND	ND	-	0.00088
Chloroethane					ND	ND	ND	-	ND	ND	-	0.0018
1,1-Dichloroethene	500	0.33	100	0.33	ND	ND	ND	-	ND	ND	-	0.00088
trans-1,2-Dichloroethene	500	0.19	100	0.19	ND	ND	ND	-	ND	ND	-	0.0013
Trichloroethene	200	0.47	21	0.47	ND	ND	ND	-	ND	ND	-	0.00044
1,2-Dichlorobenzene	500	1.1	100	1.1	ND	ND	ND	-	ND	ND	-	0.0018
1,3-Dichlorobenzene	280	2.4	49	2.4	ND	ND	ND	-	ND	ND	-	0.0018
1,4-Dichlorobenzene	130	1.8	13	1.8	ND	ND	ND	-	ND	ND	-	0.0018
Methyl tert butyl ether	500	0.93	100	0.93	ND	ND	ND	-	ND	ND	-	0.0018
p/m-Xylene					ND	ND	ND	-	0.029	ND	-	0.0022
o-Xylene					ND	ND	ND	-	0.011	ND	-	0.00088
Xylenes, Total	500	1.6	100	0.26	ND	ND	ND	-	0.04	ND	-	0.0032
cis-1,2-Dichloroethene	500	0.25	100	0.25	ND	ND	ND	-	ND	ND	-	0.00088
1,2-Dichloroethene, Total					ND	ND	ND	-	ND	ND	-	0.00088
Dibromomethane					ND	ND	ND	-	ND	ND	-	0.0018
Styrene					ND	ND	ND	-	ND	ND	-	0.00088
Dichlorodifluoromethane					ND	ND	ND	-	ND	ND	-	0.0088
Acetone	500	0.05	100	0.05	ND	ND	ND	-	ND	ND	-	0.02
Carbon disulfide					ND	ND	ND	-	ND	ND	-	0.0088
2-Butanone	500	0.12	100	0.12	ND	ND	ND	-	ND	ND	-	0.0088
Vinyl acetate					ND	ND	ND	-	ND	ND	-	0.0088
4-Methyl-2-pentanone					ND	ND	ND	-	ND	ND	-	0.0088
1,2,3-Trichloropropane					ND	ND	ND	-	ND	ND	-	0.0018
2-Hexanone					ND	ND	ND	-	ND	ND	-	0.0088
Bromochloromethane					ND	ND	ND	-	ND	ND	-	0.0018
2,2-Dichloropropane					ND	ND	ND	-	ND	ND	-	0.0018
1,2-Dibromomethane					ND	ND	ND	-	ND	ND	-	0.00088
1,3-Dichloropropane					ND	ND	ND	-	ND	ND	-	0.0018
1,1,1,2-Tetrachloroethane					ND	ND	ND	-	ND	ND	-	0.0044
Bromobenzene					ND	ND	ND	-	ND	ND	-	0.0018
n-Butylbenzene	500	12	100	12	ND	ND	ND	-	ND	ND	-	0.00088
sec-Butylbenzene	500	11	100	11	ND	ND	ND	-	ND	ND	-	0.00088
tert-Butylbenzene	500	5.9	100	5.9	ND	ND	ND	-	ND	ND	-	0.0018
p-Chlorotoluene					ND	ND	ND	-	ND	ND	-	0.0018
p-Chlorotoluene					ND	ND	ND	-	ND	ND	-	0.0018
1,2-Dibromo-3-chloropropane					ND	ND	ND	-	ND	ND	-	0.0026
Hexachlorobutadiene					ND	ND	ND	-	ND	ND	-	0.0035
Isopropylbenzene					ND	ND	ND	-	ND	ND	-	0.00088
p-Isopropyltoluene					ND	ND	ND	-	ND	ND	-	0.00088
Naphthalene	500	12	100	12	ND	ND	ND	-	ND	ND	-	0.0035
Acrylonitrile					ND	ND	ND	-	ND	ND	-	0.0035
n-Propylbenzene	500	3.9	100	3.9	ND	ND	ND	-	ND	ND	-	0.00088
1,2,3-Trichlorobenzene					ND	ND	ND	-	ND	ND	-	0.0018
1,2,4-Trichlorobenzene					ND	ND	ND	-	ND	ND	-	0.0018
1,3,5-Trimethylbenzene	190	8.4	52	8.4	ND	ND	ND	-	ND	ND	-	0.0018
1,2,4-Trimethylbenzene	190	3.6	52	3.6	ND	ND	ND	-	ND	ND	-	0.0018
1,4-Dioxane	130	0.1	13	0.1	ND	ND	ND	-	ND	ND	-	0.0018
p-Diethylbenzene					ND	ND	ND	-	ND	ND	-	0.0018
p-Ethyltoluene					ND	ND	ND	-	ND	ND	-	0.0018
1,2,4,5-Tetramethylbenzene					ND	ND	ND	-	ND	ND	-	0.0018
Ethyl ether					ND	ND	ND	-	ND	ND	-	0.0018
trans-1,4-Dichloro-2-butene					ND	ND	ND	-	ND	ND	-	0.0044
Volatile Organics by EPA 5035 High												
Methylene chloride	500	0.05	100	0.05		-						
1,1-Dichloroethane	240	0.27	26	0.27		-						
Chloroform	350	0.37	49	0.37		-						
Carbon tetrachloride	22	0.76	2.4	0.76		-						

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-11 (0-2')	SB-12 (2-4')	SB-13 (0-2')	SB-15 (0-2')	SB-16 (0-2')	SB-17 (0-2')	SB-17 (2-4')	SB-17 (6-8')
LAB ID:	PART 375	PART 375	PART 375	PART 375	7/2/2024	L2431342-06	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024
COLLECTION DATE:	CUSCOs	PGSCOs	RRSCOs	UUSCOs	L2437675-03	6/6/2024	L2437675-04	L2437675-05	L2437675-06	L2437675-07	L2437675-08	L2437675-09
SAMPLE MATRIX:					SOIL	Soil	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results	Results
1,2-Dichloropropane					-	-	-	-	-	-	-	-
Dibromochloromethane					-	-	-	-	-	-	-	-
1,1,2-Trichloroethane					-	-	-	-	-	-	-	-
Tetrachloroethene	150	1.3	19	1.3	-	-	-	-	-	-	-	-
Chlorobenzene	500	1.1	100	1.1	-	-	-	-	-	-	-	-
Trichlorofluoromethane					-	-	-	-	-	-	-	-
1,2-Dichloroethane	30	0.02	3.1	0.02	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	500	0.68	100	0.68	-	-	-	-	-	-	-	-
Bromodichloromethane					-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene					-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene					-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total					-	-	-	-	-	-	-	-
1,1-Dichloropropene					-	-	-	-	-	-	-	-
Bromofom					-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane					-	-	-	-	-	-	-	-
Benzene	44	0.06	4.8	0.06	-	-	-	-	-	-	-	-
Toluene	500	0.7	100	0.7	-	-	-	-	-	-	-	-
Ethylbenzene	390	1	41	1	-	-	-	-	-	-	-	-
Chloromethane					-	-	-	-	-	-	-	-
Bromomethane					-	-	-	-	-	-	-	-
Vinyl chloride	13	0.02	0.9	0.02	-	-	-	-	-	-	-	-
Chloroethane					-	-	-	-	-	-	-	-
1,1-Dichloroethene	500	0.33	100	0.33	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	500	0.19	100	0.19	-	-	-	-	-	-	-	-
Trichloroethene	200	0.47	21	0.47	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	500	1.1	100	1.1	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	280	2.4	49	2.4	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	130	1.8	13	1.8	-	-	-	-	-	-	-	-
Methyl tert butyl ether	500	0.93	100	0.93	-	-	-	-	-	-	-	-
p/m-Xylene					-	-	-	-	-	-	-	-
o-Xylene					-	-	-	-	-	-	-	-
Xylenes, Total	500	1.6	100	0.26	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	500	0.25	100	0.25	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total					-	-	-	-	-	-	-	-
Dibromomethane					-	-	-	-	-	-	-	-
Styrene					-	-	-	-	-	-	-	-
Dichlorodifluoromethane					-	-	-	-	-	-	-	-
Acetone	500	0.05	100	0.05	-	-	-	-	-	-	-	-
Carbon disulfide					-	-	-	-	-	-	-	-
2-Butanone	500	0.12	100	0.12	-	-	-	-	-	-	-	-
Vinyl acetate					-	-	-	-	-	-	-	-
4-Methyl-2-pentanone					-	-	-	-	-	-	-	-
1,2,3-Trichloropropane					-	-	-	-	-	-	-	-
2-Hexanone					-	-	-	-	-	-	-	-
Bromochloromethane					-	-	-	-	-	-	-	-
2,2-Dichloropropane					-	-	-	-	-	-	-	-
1,2-Dibromoethane					-	-	-	-	-	-	-	-
1,3-Dichloropropane					-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane					-	-	-	-	-	-	-	-
Bromobenzene					-	-	-	-	-	-	-	-
n-Butylbenzene	500	12	100	12	-	-	-	-	-	-	-	-
sec-Butylbenzene	500	11	100	11	-	-	-	-	-	-	-	-
tert-Butylbenzene	500	5.9	100	5.9	-	-	-	-	-	-	-	-
o-Chlorotoluene					-	-	-	-	-	-	-	-
p-Chlorotoluene					-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane					-	-	-	-	-	-	-	-
Hexachlorobutadiene					-	-	-	-	-	-	-	-
Isopropylbenzene					-	-	-	-	-	-	-	-
p-Isopropyltoluene					-	-	-	-	-	-	-	-
Naphthalene	500	12	100	12	-	-	-	-	-	-	-	-
Acrylonitrile					-	-	-	-	-	-	-	-
n-Propylbenzene	500	3.9	100	3.9	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene					-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	190	8.4	52	8.4	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	190	3.6	52	3.6	-	-	-	-	-	-	-	-
1,4-Dioxane	130	0.1	13	0.1	-	-	-	-	-	-	-	-
p-Diethylbenzene					-	-	-	-	-	-	-	-
p-Ethyltoluene					-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene					-	-	-	-	-	-	-	-
Ethyl ether					-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene					-	-	-	-	-	-	-	-
Semi-volatile Organics by GC/MS												
Acenaphthene	500	98	100	20	ND	ND	ND	0.035 J	ND	-	ND	
1,2,4-Trichlorobenzene					ND	ND	ND	ND	ND	-	ND	
Hexachlorobenzene	6	3.2	1.2	0.33	ND	ND	ND	ND	ND	-	ND	
Bis(2-chloroethyl)ether					ND	ND	ND	ND	ND	-	ND	
2-Chloronaphthalene					ND	ND	ND	ND	ND	-	ND	
1,2-Dibromo-3-chloropropane	500	1.1	100	1.1	ND	ND	ND	ND	ND	-	ND	
1,3-Dichlorobenzene	280	2.4	49	2.4	ND	ND	ND	ND	ND	-	ND	
1,4-Dichlorobenzene	130	1.8	13	1.8	ND	ND	ND	ND	ND	-	ND	
3,3'-Dichlorobenzidine					ND	ND	ND	ND	ND	-	ND	
2,4-Dinitrotoluene					ND	ND	ND	ND	ND	-	ND	
2,6-Dinitrotoluene					ND	ND	ND	ND	ND	-	ND	
Fluoranthene	500	1000	100	100	0.38	0.13	0.42	0.52	0.095 J	-	0.076 J	

Table 1
Soil Analytical Data - VOCs, SVOCs RCRA 8 Metals
312, 316 322 Warburton Ave

B:\GLOBAL\Projects\Hillside Properties NY\2242536 - 312					SB-11 (0-2')	SB-12 (2-4')	SB-13 (0-2')	SB-15 (0-2')	SB-16 (0-2')	SB-17 (0-2')	SB-17 (2-4')	SB-17 (6-8')
LAB ID:					7/2/2024	L2431342-06	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024
COLLECTION DATE:					L2437675-03	6/5/2024	L2437675-04	L2437675-05	L2437675-06	L2437675-07	L2437675-08	L2437675-09
SAMPLE MATRIX:					SOIL	Soil	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Results	Results	Results	Results	Results	Results	Results	Results
4-Chlorophenyl phenyl ether					ND	ND	ND	ND	ND	-	ND	
4-Bromophenyl phenyl ether					ND	ND	ND	ND	ND	-	ND	
Bis(2-chloroethoxy)ether					ND	ND	ND	ND	ND	-	ND	
Bis(2-chloroethoxy)methane					ND	ND	ND	ND	ND	-	ND	
Hexachlorobutadiene					ND	ND	ND	ND	ND	-	ND	
Hexachlorocyclopentadiene					ND	ND	ND	ND	ND	-	ND	
Hexachloroethane					ND	ND	ND	ND	ND	-	ND	
Isophorone					ND	ND	ND	ND	ND	-	ND	
Naphthalene	500	12	100	12	ND	ND	ND	ND	0.045 J	-	ND	
Nitrobenzene					ND	ND	ND	ND	ND	-	ND	
NDPA/DPA					ND	ND	ND	ND	ND	-	ND	
n-Nitrosodi-n-propylamine					ND	ND	ND	ND	ND	-	ND	
Bis(2-ethylhexyl)phthalate					ND	ND	ND	ND	ND	-	ND	
Butyl benzyl phthalate					ND	ND	ND	ND	ND	-	ND	
Di-n-butylphthalate					ND	ND	ND	ND	ND	-	ND	
Di-n-octylphthalate					ND	ND	ND	ND	ND	-	ND	
Diethyl phthalate					ND	ND	ND	ND	ND	-	ND	
Dimethyl phthalate					ND	ND	ND	ND	ND	-	ND	
Benzo(a)anthracene	5.6	1	1	1	0.2	0.069 J	0.21	0.24	0.063 J	-	0.042 J	
Benzo(a)pyrene	1	22	1	1	0.24	0.056 J	0.25	0.25	0.08 J	-	0.046 J	
Benzo(b)fluoranthene	5.6	1.7	1	1	0.36	0.08 J	0.34	0.31	0.1 J	-	0.06 J	
Benzo(k)fluoranthene	56	1.7	3.9	0.8	0.11 J	ND	0.33	0.11 J	0.035 J	-	ND	
Chrysene	56	1	3.9	1	0.23	0.066 J	0.23	0.25	0.069 J	-	0.048 J	
Acenaphthylene	500	107	100	100	ND	ND	0.038 J	0.035 J	ND	-	ND	
Anthracene	500	1000	100	100	0.048 J	ND	0.071 J	0.1 J	ND	-	ND	
Benzo(g,h,i)perylene	500	1000	100	100	0.21	0.073 J	0.21	0.16 J	0.063 J	-	0.037 J	
Fluorene	500	366	100	30	ND	ND	0.022 J	0.036 J	ND	-	ND	
Phenanthrene	500	1000	100	100	0.14	0.077 J	0.24	0.39	0.04 J	-	0.043 J	
Dibenz(a,h)anthracene	0.56	1000	0.33	0.33	0.046 J	ND	0.048 J	0.041 J	ND	-	ND	
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.5	0.5	0.18	0.042 J	0.2	0.15 J	0.057 J	-	0.033 J	
Pyrene	500	1000	100	100	0.32	0.1	0.37	0.46	0.096 J	-	0.07 J	
Biphenyl					ND	ND	ND	ND	ND	-	ND	
4-Chloroaniline					ND	ND	ND	ND	ND	-	ND	
2-Nitroaniline					ND	ND	ND	ND	ND	-	ND	
3-Nitroaniline					ND	ND	ND	ND	ND	-	ND	
4-Nitroaniline					ND	ND	ND	ND	ND	-	ND	
Dibenzofuran	350	210	59	7	ND	ND	ND	0.022 J	ND	-	ND	
2-Methylnaphthalene					ND	ND	ND	ND	0.036 J	-	ND	
1,2,4,5-Tetrachlorobenzene					ND	ND	ND	ND	ND	-	ND	
Acetophenone					ND	ND	ND	ND	ND	-	ND	
2,4,6-Trichlorophenol					ND	ND	ND	ND	ND	-	ND	
p-Chloro-m-cresol					ND	ND	ND	ND	ND	-	ND	
2-Chlorophenol					ND	ND	ND	ND	ND	-	ND	
2,4-Dichlorophenol					ND	ND	ND	ND	ND	-	ND	
2,4-Dimethylphenol					ND	ND	ND	ND	ND	-	ND	
2-Nitrophenol					ND	ND	ND	ND	ND	-	ND	
4-Nitrophenol					ND	ND	ND	ND	ND	-	ND	
2,4-Dinitrophenol					ND	ND	ND	ND	ND	-	ND	
4,6-Dinitro-o-cresol					ND	ND	ND	ND	ND	-	ND	
Pentachlorophenol	6.7	0.8	6.7	0.8	ND	ND	ND	ND	ND	-	ND	
Phenol	500	0.33	100	0.33	ND	ND	ND	ND	ND	-	ND	
2-Methylphenol	500	0.33	100	0.33	ND	ND	ND	ND	ND	-	ND	
3-Methylphenol/4-Methylphenol	500	0.33	100	0.33	ND	ND	ND	ND	ND	-	ND	
2,4,5-Trichlorophenol					ND	ND	ND	ND	ND	-	ND	
Benzoic Acid					ND	ND	ND	ND	ND	-	ND	
Benzyl Alcohol					ND	ND	ND	ND	ND	-	ND	
Carbazole					0.021 J	ND	ND	ND	ND	-	ND	
1,4-Dioxane	130	0.1	13	0.1	ND	ND	ND	ND	ND	-	ND	
Total Metals												
Aluminum, Total					7440		9160	11300	4000	-	8010	-
Antimony, Total					0.407 J		ND	0.484 J	1.12 J	-	0.578 J	-
Arsenic, Total	16	16	16	13	4.82	4.28	4.84	4.95	2.09	-	ND	-
Barium, Total	400	820	400	350	76.2	62.9	79.3	167	68.9	-	ND	-
Beryllium, Total	590	47	72	7.2	0.28 J		0.349 J	0.417 J	0.157 J	-	0.31	-
Cadmium, Total	9.3	7.5	4.3	2.5	0.236 J	0.27 J	0.25 J	0.316 J	0.832 J	-	0.626	-
Calcium, Total					32100		4420	9970	6040	-	26200	-
Chromium, Total					17.6	17.4	18.6	24.8	11.3	-	17.1	-
Cobalt, Total					4.72		5.94	7.17	2.96	-	4.53	-
Copper, Total	270	1720	270	50	35.8		27.7	37.7	26.6	-	30.3	-
Iron, Total					12200		13800		12900	-	12600	-
Lead, Total	1000	450	400	63	102	396	252	534		-	1080	-
Magnesium, Total					4510		3330	5490	2730	-	2420	-
Manganese, Total	10000	2000	2000	1600	278		328	334	173	-	333	-
Mercury, Total	2.8	0.73	0.81	0.18	ND	0.321	ND	ND	ND	-	0.245	-
Nickel, Total	310	130	310	30	11.7		12.4	16.7	9.49	-	12.3	-
Potassium, Total					1100		698	881	322	-	461	-
Selenium, Total	1500	4	180	3.9	0.29 J	ND	ND	0.303 J	ND	-	0.397	-
Silver, Total	1500	8.3	180	2	ND	ND	ND	ND	ND	-	ND	-
Sodium, Total					138 J		80.9 J	75.6 J	115	-	251	-
Thallium, Total					ND		ND	ND	ND	-	1.62	-
Vanadium, Total					22.1		23.7	33	13.7	-	23.2	-
Zinc, Total	10000	2480	10000	109	110		128	177	120	-	249	-

Table 2.
Soil Vapor Analytical Data
312, 316 322 Warburton Ave
Phase II

Sample Location	NYSDOH Decision Matrices Maximum Sub-Slab Soil Vapor for Mitigation								
Sample ID		SS-1		SS-2	SS-3	SS-4	SV-1		
Sample Type		SOIL_VAPOR		SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR		
Sampling Date		6/5/2024		6/5/2024	6/5/2024	6/5/2024	6/5/2024		
Volatile Organics in Air									
1,1,1-Trichloroethane	1,000	ND	ND	ND	ND	ND			
1,1,2,2,-Tetrachloroethane	N/A	ND	ND	ND	ND	ND			
1,1,2-Trichloroethane	N/A	ND	ND	ND	ND	ND			
1,1-Dichloroethane	N/A	ND	ND	ND	ND	ND			
1,1-Dichloroethene	60	ND	ND	ND	ND	ND			
1,2,4-Trichlorobenzene	N/A	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	600	8.21	ND	ND	5.21	39.5			
1,2-Dibromoethane	N/A	ND	ND	ND	ND	ND			
1,2-Dichlorobenzene	N/A	ND	ND	ND	ND	ND			
1,2-Dichloroethane	N/A	ND	ND	ND	ND	ND			
1,2-Dichloropropane	N/A	ND	ND	ND	ND	ND			
1,3,5-Trimethylbenzene	600	2.13	ND	ND	1.47	ND			
1,3-butadiene	N/A	ND	ND	ND	ND	43.4			
1,3-Dichlorobenzene	N/A	ND	ND	ND	ND	ND			
1,4-Dichlorobenzene	N/A	ND	ND	ND	ND	ND			
1,4-Dioxane	N/A	ND	ND	ND	ND	ND			
2,2,4-trimethylpentane	600	10	ND	ND	3.81	ND			
2-Butanone	N/A	10.6	ND	ND	4.04	22.5			
2-Hexanone	N/A	ND	ND	ND	ND	4.26			
3-Chloropropene	N/A	ND	ND	ND	ND	ND			
4-ethyltoluene	N/A	1.71	ND	ND	1.04	9			
4-Methyl-2-pentanone	N/A	4.84	ND	ND	ND	22.5			
Acetone	N/A	373	ND	ND	124	230			
Benzene	600	9.1	ND	ND	4.09	22.6			
Benzyl chloride	N/A	ND	ND	ND	ND	ND			
Bromodichloromethane	N/A	ND	ND	ND	ND	ND			
Bromoform	N/A	ND	ND	ND	ND	ND			
Bromomethane	N/A	ND	ND	ND	ND	ND			
Carbon disulfide	N/A	2.6	ND	ND	ND	9.47			
Carbon tetrachloride	60	ND	ND	ND	ND	ND			
Chlorobenzene	N/A	ND	ND	ND	ND	ND			
Chloroethane	N/A	ND	ND	ND	ND	ND			
Chloroform	N/A	85.5	ND	ND	ND	ND			
Chloromethane	N/A	0.45	ND	ND	ND	ND			
cis-1,2-Dichloroethene	60	1180	D	ND	ND	ND			
cis-1,3-Dichloropropene	N/A	ND	ND	ND	ND	ND			
Cyclohexane	600	5.85	ND	ND	1.64	5.78			
Dibromochloromethane	N/A	ND	ND	ND	ND	ND			
Dichlorodifluoromethane	N/A	3.83	ND	ND	27.9	ND			
Ethanol	N/A	318	ND	ND	101	ND			
Ethyl acetate	N/A	ND	ND	ND	ND	ND			
Ethylbenzene	600	32.2	ND	ND	22.8	21.4			
Freon 113	N/A	ND	ND	ND	ND	ND			
Freon 114	N/A	ND	ND	ND	ND	ND			
Heptane	2,000	13.8	ND	ND	7.42	24.8			
Hexachlorobutadiene	N/A	ND	ND	ND	ND	ND			
Isopropanol	N/A	166	ND	ND	56.3	6.91			
Methyl tert-butyl ether	N/A	ND	ND	ND	ND	ND			
Methylene chloride	1,000	6.95	ND	ND	2.4	ND			
Naphthalene	600	ND	ND	ND	ND	ND			
n-Hexane	2,000	10.4	ND	ND	3.88	43.3			
o-Xylene	600	38.1	ND	ND	27.4	30.3			
p/m-Xylene	2,000	118	ND	ND	87.3	86.9			
Styrene	N/A	2.48	ND	ND	1.71	ND			
Tertiary butyl Alcohol	N/A	7.49	ND	ND	2.9	26.3			
Tetrachloroethene	1,000	13100	D	759000	D	105000	D	12.6	486
Tetrahydrofuran	N/A	ND	ND	ND	1.53	ND			
Toluene	3,000	211	ND	ND	88.6	71.6			
trans-1,2-Dichloroethene	N/A	33.2	ND	ND	ND	ND			
trans-1,3-Dichloropropene	N/A	ND	ND	ND	ND	ND			
Trichloroethene	60	ND	3240	330	ND	ND			
Trichlorofluoromethane	N/A	1.38	ND	ND	1.4	ND			
Vinyl Bromide	N/A	ND	ND	ND	ND	ND			
Vinyl chloride	60	ND	ND	ND	ND	ND			

* Comparison is not performed on parameters with non-numeric criteria.
Concentrations in micrograms per cubic meter (ug/m³)
NYSDOH Soil Vapor Intrusion Guidance (2006 with subsequent updates) - Guidance Value shown is the concentration at which sub-slab soil vapors would require mitigation regardless of indoor air concentration.
D - Initial sample result was estimated value and re-run after dilution, see Laboratory report for dilution factor.



APPENDIX 1

Field Logs

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 01 SHEET 1 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 10:55 TO 11:25		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/24			END DATE: 6/5/2024		
WEATHER: 90 F Sunny								
TYPE OF DRILL RIG: Geoprobe 6712 DT			DRIVE SAMPLER TYPE: MacrocorE					
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	48"		0.0 - 0.7'	Concrete, Pulverized	0	No odors or staining observed		
1					0			
2			0.7 - 1.0'	Asphalt	0			
3								
4			1.0 - 5.0'	MF Brown/Light Brown Sand, M to C SA to R white/gray gravel	0			
5	26"		5' - 6.5'	SAA (1.0 - 5.0')	0	No odors or staining observed		
6								
7			6.5 - 7.1'	Pulverized rock/concrete, M to C gray gravel	0			
8								
9			7.1'-10'	SAA (1.0 - 5.0')	0			
10	54"		10'-10.9'	SAA (1.0 - 5.0')	0	Sampled at 10.9 - 11.5" ~800 PPB at 10:20		
11								
12			10.9 - 11.5'	M to C gray gravel/rocks, some MF Brown Sand	~800 ppb			
13			11.5 - 12.3'	SAA (1.0 - 5.0')	0			
14			12.3 - 12.6'	SAA (10.0 - 16.0')	0			
15			12.6 - 15'	SAA (1.0 - 5.0')	0			
16				Boring terminated at 14 bgs.				
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 01		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705			BORING: SB - 02 SHEET 2 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024		
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 14:45 TO 15:10		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/24			END DATE: 6/5/2024		
WEATHER: 90 F Sunny			TYPE OF DRILL RIG: Geoprobe 6712 DT			DRIVE SAMPLER TYPE: MacrocorE		
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0				SAP ((CSB- 01) (1.0 - 5.0'))	0	No odors or staining observed		
1								
2								
3								
4								
5								
6	16"		5.0' - 5.9'	MF Dark Brown Sand, some CB gravel SR	~3200ppb	VOCs sampled		
7								
8			5.9 - 7.8'	MF Brown Sand, some CB/gray SR gravel				
9								
10			7.8 - 10.0'	MF gray pulverized rock concrete, C gray SA gravel for larger rocks				
11	42"		10.0 - 10.7'	MF Dark Brown Sand, some SR gray/brown gravel	0	No odors or staining observed		
12			10.7 - 11.4'	MF Dark Brown Sand, some SR gray/brown gravel	0			
13			11.4 - 12.1'	SAA (10.0 - 10.7')	0			
14			12.1 - 12.6'	MF white/gray SAND, and SA white/gray gravel	0			
15			12.6 - 13.3'	SAA (10.0 - 10.7')	0			
16			13.3 - 13.7'	SAA (12.1 - 12.6')	0			
17			13.7 - 15.0'	SAA (10.7 - 11.4')	0			
18				Boring terminated at 16ft bgs				
19								
20								
			DEPTH (FT)			NOTES: Sampled for VOCs and Metals at 15:15, 6.0 - 8.0"		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface			and = 35 - 50%			C = Coarse		
NA = Not Applicable			some = 20 - 35%			R = Rounded		
			little = 10 - 20%			M = Medium		
			trace = 1 - 10%			F = Fine		
						SR = Subrounded		
						SA = Subangular		
						BORING: SB - 02		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 03 SHEET 3 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 13:50 TO 14:10		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/24			END DATE: 6/5/2024		
WEATHER: 90 F Sunny								
TYPE OF DRILL RIG: Geoprobe 6712 DT						DRIVE SAMPLER TYPE: MacrocorE		
AUGER SIZE AND TYPE: NA						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	15"		0.0 - 2.0'	MF Dark Brown Silt, some SA gray/DB Gravel	5-20ppb	No odors or staining observed		
1			2.0 - 3.0'	MF Black/ton Sand				
2								
3	6"		3.0 - 5.0'	MF Light Brown Sand, and SR Gray C Ground	5-20ppb	No odors or staining observed		
4								
5								
6	24"		5.0 - 10.0'	SAA (0.0 - 2.0')	5-20ppb	No odors or staining observed		
7								
8								
9			10.0 - 11.7'	MF to C. Gray pulerized rock and A gray C Gravel/rocks.	5-20ppb	No odors or staining observed. Sampled for metals (10.0 - 11.0') at 14:10		
10			11.7 - 13.3'	MF brown SAND, some SA to SR C gray gravel				
11								
12			13.3 - 15.0'	SAA (0.0 - 2.0')				
13								
14								
15	Boring terminated at 10 bgs.							
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	PPB - 5 - 20 PPB throughout		
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse		R = Rounded		
NA = Not Applicable		some = 20 - 35%		M = Medium		A = Angular		
		little = 10 - 20%		F = Fine		SR = Subrounded		
		trace = 1 - 10%		VF = Very Fine		SA = Subangular		
						BORING: SB - 03		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 04 SHEET 4 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2		BORING LOCATION: See Figure 2			TIME: 14:45 TO 12:25			
DRILLER: L. Reiss		GROUND SURFACE ELEVATION		NA		DATUM: NA		
LABELLA REPRESENTATIVE: WC		START DATE: 6/5/24		END DATE: 6/5/2024		WEATHER: 90 F Sunny		
TYPE OF DRILL RIG: Geoprobe 6712 DT				DRIVE SAMPLER TYPE: Macrocore				
AUGER SIZE AND TYPE: NA				INSIDE DIAMETER: 2"				
OVERBURDEN SAMPLING METHOD: Direct Push				OTHER:				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	58"		0.0 - 0.3'	Asphalt	0	No odors or staining observed		
1			0.3 - 2.1'	M to C, brown to light brown sand, with SA gray C gravel	0			
2								
3	2.1 - 7.1'	MF brown sand, M to C gray/brown gravel	~5ppb					
4								
5	60'		7.1 - 7.9	SAA (2.1 - 7.1')	~5ppb	No odors or staining observed		
6								
7								
8								
9								
10	54"		7.9 - 9.3	SAA (2.1 - 7.1')	~5ppb	No odors or staining observed		
11								
12								
13								
14								
15	Boring terminated at 15 bgs.							
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES: 5 ppb max No Fill - No sample		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 04		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 05 SHEET 5 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 12:25 TO 12:45		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/24			END DATE: 6/5/2024		
WEATHER: 90 F Sunny								
TYPE OF DRILL RIG: Geoprobe 6712 DT						DRIVE SAMPLER TYPE: MacrocorE		
AUGER SIZE AND TYPE: NA						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	44"		0.0 - 0.7'	Asphalt	~50 - 150 ppb	No odors or staining observed.		
1			0.7 - 1.3'	MF Dark Brown Sand, Some SA gray gravel				
2			1.3 - 1.5'	Brick, some MF Brown Sand				
3			1.5 - 3.2'	MF Brown Silt and MF brown Sand, Some SA Black/White/Brown Gravel				
4			3.2 - 5.0'	M Brown Sand, trace SR brown gravel				
5	47"		5.0 - 7.5.'	SAA (3.2 - 5.0')	~50 - 150 ppb	No odors or staining observed.		
6								
7								
8			7.50 - 8.9'	SAA (1.5 - 3.2')				
9			8.9 - 10.0'	SAA (3.2 - 5.0')				
10								
11	36"		10.0 - 11.5'	SAA (3.2 - 5.0')	~50 - 150 ppb	No odors or staining observed.		
12			11.5 - 12.7'	SAA (1.5 - 3.2')				
13			12.7-15'	SAA (3.2 - 5.0')				
14								
15	24"		15.0 - 16.8'	SAA (3.2 - 5.0')	~50 - 150 ppb	No odors or staining observed.		
16			16.8 - 17.0'	Brown, SA, C Gravel White				
17				Boring terminated at 16ft bgs.				
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	PID ~ 50 PPB - 150 PPB		
DATE	TIME	ELAPSED TIME				No Urban Fill		
						No Sample Taken		
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING:	SB - 05	

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705			BORING: SB - 06 SHEET 6 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 13:05 TO 13:30	
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA	
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/2024			END DATE: 6/5/2024	
WEATHER: 90 F Sunny							
TYPE OF DRILL RIG: Geoprobe 6712 DT			DRIVE SAMPLER TYPE: MacrocorE				
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"				
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)				
0	32"		0.0 - 5.0'	MF Brown Silt, Some SR Gray C Gravel	0 - 20ppb	No odors or staining observed	
1							
2							
3							
4							
5	42"		5.0 - 5.7'	SAA (0.0 - 32.0')	0 - 20ppb	No odors or staining observed	
6			5.7 - 6.7'	C White Sand, some SA white C Gravel			
7			6.7 - 8.3'	SAA (0.0 - 32.0')			
8			8.3 - 8.6'	M Brown pink sand			
9			8.6-10	SAA (0.0 - 32.0')			
10	36"		10.0 - 15.0'	SAA (0.0 - 32.0')	0 - 20ppb	No odors or staining observed	
11							
12							
13							
14							
15	19"		15.0 - 20.0'	SAA (0.0 - 32.0')	0 - 20ppb	No odors or staining observed	
16							
17							
18							
19							
20				Boring terminated at 20 bgs.			
			DEPTH (FT)			NOTES:	
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	PID - 0 - 20 ppb throughout	
DATE	TIME	ELAPSED TIME				No Fill	
						No Samples	
GENERAL NOTES							
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.							
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER							
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded							
NA = Not Applicable some = 20 - 35% M = Medium A = Angular							
little = 10 - 20% F = Fine SR = Subrounded							
trace = 1 - 10% VF = Very Fine SA = Subangular							
						BORING: SB - 06	

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 07 SHEET 7 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2		BORING LOCATION: See Figure 1A-E			TIME: 12:45 TO 13:05			
DRILLER: L. Reiss		GROUND SURFACE ELEVATION		NA		DATUM: NA		
LABELLA REPRESENTATIVE: WC		START DATE: 6/5/2024		END DATE: 6/5/2024		WEATHER: 90 F Sunny		
TYPE OF DRILL RIG: Geoprobe 6712 DT				DRIVE SAMPLER TYPE: MacrocorE				
AUGER SIZE AND TYPE: NA				INSIDE DIAMETER: 2"				
OVERBURDEN SAMPLING METHOD: Direct Push				OTHER:				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	52"		0.0 - 0.6'	Asphalt	5 - 20 ppb	No odors or staining observed		
1			0.6 - 1.0'	MF Dark Brown Sand, little SR C Black gravel, dry				
2			1.0 - 2.0'	MF, Black, Sand, trace SR C Black Gravel, dry. Sampled.				
3			2.0 - 5.0'	MF Brown Sand, some SR to SA C Gravel, Dry				
4	36"				5 - 20 ppb	No odors or staining observed		
5								
6			5.0 - 9.2'	SAA (2.0 - 5.0')				
7			9.2 - 9.4'	F Black/Tan Sand				
8								
9			9.4-10'	SAA (2.0 - 5.0')				
10								
11				Boring terminated at 10 bgs.				
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)		NOTES: PPB- 5- 20 throughout sampled black Soil (2.0 - 3.0') at 13:35			
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING			GROUNDWATER ENCOUNTERED	
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse	R = Rounded			
NA = Not Applicable		some = 20 - 35%		M = Medium	A = Angular			
		little = 10 - 20%		F = Fine	SR = Subrounded			
		trace = 1 - 10%		VF = Very Fine	SA = Subangular			
						BORING: SB - 07		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 08 SHEET 8 of 17 JOB: 2242536 CHKD BY: DATE: 6/5/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 13:30 TO 13:50		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 6/5/24			END DATE: 6/5/2024		
WEATHER: 90 F Sunny								
TYPE OF DRILL RIG: Geoprobe 6712 DT						DRIVE SAMPLER TYPE: MacrocorE		
AUGER SIZE AND TYPE: NA						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	45"		0.0 - 0.6'	Asphalt	5 - 20 ppb	No odors or staining observed		
1			MF Dark Brown Sand, trace asphalt					
2								
3	58"		0.6 - 1.3'		5 - 20 ppb	No odors or staining observed		
4			1.3 - 5'	SR White/Gray/Brown Gravel				
5			30"				5.0 - 9.0'	SAA (1.3 - 5')
6	F LB/B, some SR C LB Gravel							
7								
8	30"		9.0 - 10.0'		5 - 20 ppb	No odors or staining observed		
9			F White/Purple Sand and SA Gray/Purple, Fil Sampled at 13:05					
10								
11	30"		10.0 - 11.9'	SAA (1.3 - 5')	5 - 20 ppb	No odors or staining observed		
12			F, B Sand with SA C B Gravel					
13								
14	30"		11.9 - 12.5'		5 - 20 ppb	No odors or staining observed		
15			F, B Sand with SA C B Gravel					
16								
17	30"		12.5 - 15.0'		5 - 20 ppb	No odors or staining observed		
18			F, B Sand with SA C B Gravel					
19								
20	30"			Boring terminated at 14ft bgs.	5 - 20 ppb	No odors or staining observed		
21			F, B Sand with SA C B Gravel					
22								
			DEPTH (FT)			NOTES: 5 - 20 PPB		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 08		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 09 SHEET 9 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 9:20 TO 9:40		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24		
WEATHER: 85 F Partly Cloudy								
TYPE OF DRILL RIG: Hand tools						DRIVE SAMPLER TYPE: Macrocore		
AUGER SIZE AND TYPE: NA						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	24"	0-2'	0.0 - 0.0'	MF dark brown TOPSOIL, trace landscaping fabric	0	No odors or staining observed.		
1			0.0 - 2.0'	MF brown sand, some SR/SA C/M gray/brown gravel				
2	12"	2-4'	2.0 - 2.7	MF brown sand, some SR/SA C/M gray/brown gravel	0	No odors or staining observed.		
3								
4				Boring terminated at 4ft bgs due to refusal. Backfilled with soil.				
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	(0-2') - 09:45		
DATE	TIME	ELAPSED TIME				(2-4') - 09:50 HOLD		
						Dug with hand auger and slam bar		
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse		R = Rounded		
NA = Not Applicable		some = 20 - 35%		M = Medium		A = Angular		
		little = 10 - 20%		F = Fine		SR = Subrounded		
		trace = 1 - 10%		VF = Very Fine		SA = Subangular		
						BORING: SB - 09		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 10 SHEET 10 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 10:00 TO 10:30		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: 1		
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24		
TYPE OF DRILL RIG: Hand tools			DRIVE SAMPLER TYPE: Macrocore					
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	12"	0-2'	0.0 - 0.0'	Topsoil, trace landscaping fabric	0	No odors or staining observed.		
1			0.0 - 0.3'	MF brown sand, some SR C gray/brown gravel	0			
2				Boring terminated at 2ft bgs due to refusal. Backfilled with soil.				
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES: (0-2') - 10:35 Dug with hand augur and slam bar		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse	R = Rounded			
NA = Not Applicable		some = 20 - 35%		M = Medium	A = Angular			
		little = 10 - 20%		F = Fine	SR = Subrounded			
		trace = 1 - 10%		VF = Very Fine	SA = Subangular			
						BORING: SB - 10		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 11 SHEET 11 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 10:45 TO 11:10		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24		
TYPE OF DRILL RIG: Hand tools			DRIVE SAMPLER TYPE: Macrocore					
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	13"	0-2'	0.0 - 0.0'	Topsoil, trace landscaping fabric	0	No odors or staining observed.		
1			0.0 - 0.3'	MF brown/dark brown sand, some SR M/C gray/brown gravel	0			
2				Boring terminated at 2ft bgs due to refusal. Backfilled with soil.				
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES: (0-2') - 11:20 Dug with hand augur and slam bar		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface		and = 35 - 50%		C = Coarse	R = Rounded			
NA = Not Applicable		some = 20 - 35%		M = Medium	A = Angular			
		little = 10 - 20%		F = Fine	SR = Subrounded			
		trace = 1 - 10%		VF = Very Fine	SA = Subangular			
						BORING: SB - 11		

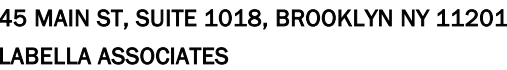
LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705			BORING: SB - 12 SHEET 12 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 14:45 TO 15:05	
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA	
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24	
WEATHER: 85 F Partly Cloudy							
TYPE OF DRILL RIG: Geoprobe 6712 DT			DRIVE SAMPLER TYPE: MacrocorE				
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"				
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)				
0	36"		0.0 - 0.4'	Asphalt		No odors or staining observed	
1			0.4 - 1.0	CM gray gravel with B sand with silt			
2			1.0 - 3.9	Asphalt, with SR Black grave			
3			3.9 - 5'	MF Brown Sand, some SRC brown gravel			
4							
5							
6	41"		5 - 8.9	SAA ('3.9 - 5.0')		No odors or staining observed	
7							
8							
9							
10							
Boring terminated at 9 ft bgs.							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
			DEPTH (FT)			NOTES: Sampled for VOCs and Metals at 15:15, 2.0 - 4.0"	
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED		
DATE	TIME	ELAPSED TIME					
GENERAL NOTES							
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.							
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER							
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded							
NA = Not Applicable some = 20 - 35% M = Medium A = Angular							
little = 10 - 20% F = Fine SR = Subrounded							
trace = 1 - 10% VF = Very Fine SA = Subangular							
						BORING: SB - 12	

 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201 PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705 BORING: SB - 13 SHEET 13 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024						
CONTRACTOR: E Phase 2 BORING LOCATION: See Figure 1A-E TIME: 11:15 TO 11:35 DRILLER: L. Reiss GROUND SURFACE ELEVATION NA DATUM: NA LABELLA REPRESENTATIVE: WC START DATE: 7/2/24 END DATE: 7/2/24 WEATHER: 85 F Partly Cloudy						
TYPE OF DRILL RIG: Hand tools DRIVE SAMPLER TYPE: Macrocore AUGER SIZE AND TYPE: NA INSIDE DIAMETER: 2" OVERBURDEN SAMPLING METHOD: Direct Push OTHER:						
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	22"	0-2'	0.0 - 0.0'	topsoil, trace landscaping fabric	0	No odors or staining observed.
1			0.0 - 0.2'	MF brown/dark brown sand, some SR/SA M/C Brown/gray gravel, trace brick fragments	0	
2				Boring terminated at 2ft bgs due to refusal. Backfilled with sand.		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
			DEPTH (FT)			NOTES:
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
DATE	TIME	ELAPSED TIME				
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular BORING: SB - 13						

 LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705				BORING: SB - 15 SHEET 15 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024	
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 11:40 TO 12:00		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24		
TYPE OF DRILL RIG: Hand tools			DRIVE SAMPLER TYPE: Macrocore					
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	13"	0-2'	0.0 - 0.0'	topsoil, landscaping fabric	0	No odors or staining observed.		
1			0.0 - 0.3'	MF/F brown sand, trace SR C gray gravel, trace brick fragments	0			
2				Boring terminated at 2ft bgs due to refusal. Backfilled with soil.				
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 15		

LaBella Powered by partnership. 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201			PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705			BORING: SB - 16 SHEET 16 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024		
CONTRACTOR: E Phase 2			BORING LOCATION: See Figure 1A-E			TIME: 12:00 TO 12:30		
DRILLER: L. Reiss			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: WC			START DATE: 7/2/24			END DATE: 7/2/24		
TYPE OF DRILL RIG: Hand tools			DRIVE SAMPLER TYPE: Macrocore					
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"					
OVERBURDEN SAMPLING METHOD: Direct Push			OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	28"	0-2'	0.0 - 0.2'	asphalt	0	No odors or staining observed		
1			0.2 - 0.6'	MF, Brown sand, little silt, little gravel, little SR rocks	0			
2			0.6 - 1.3	MF Light brown sand, little silt, trace gravel	0			
3			1.3 - 2.2	CMF brown sand, little silt, little gravel	0			
4	40"		2.2 - 2.9'	CMF light brown sand, trace SR rocks	0	No odors or staining observed		
5			2.9 - 3.7'	CMF, grey concrete debris	0			
6			3.7 - 4.9'	CMF brown sand, little silt, little gravel, little SR rocks	0			
7								
8	4.9 - 6.2'	CMF, brown sand, little silt, some gravel, little rocks	0					
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 16		

 45 MAIN ST, SUITE 1018 BROOKLYN, NY 11201 PROJECT Phase II ESA: 312, 316 & 322 Warburton Ave Yonkers, NY 10705 BORING: SB - 17 SHEET 17 of 17 JOB: 2242536 CHKD BY: DATE: 7/2/2024								
CONTRACTOR: E Phase 2 DRILLER: L. Reiss LABELLA REPRESENTATIVE: WC			BORING LOCATION: See Figure 1A-E GROUND SURFACE ELEVATION NA START DATE: 7/2/24 END DATE: 7/2/24			TIME: 12:30 TO 13:00 DATUM: NA WEATHER: 85 F Partly Cloudy		
TYPE OF DRILL RIG: Geoprobe 6712 DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 2" OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	34"	0-2'	0.0 - 0.1'	asphalt	2.8	No odors or staining observed.		
1			0.1 - 0.3'	CMF brown sand, little gravel, trace brick, little SR rocks				
2			0.3 - 0.7'	MF dark brown silt with sand, trace gravel				
3		2-4'	0.7 - 1.2'	CM light brown sand, little R rocks				
4			1.2 - 1.8'	CM light brown SAND, some SA white rocks, little brick, little R rocks				
5			1.8 - 2.5	MF brown sand, little silt, little SA rocks, little gravel				
6	24"	6-8'	2.5 - 3.3	MF brown sand, little silt, little SA rocks, little gravel	3.5	No odors or staining observed.		
7			3.3 - 4.3	MF brown sand, little silt, little SA rocks, little gravel, trace brick				
8			4.3 - 5.8	CMF brown sand, trace silt, some SR rocks				
9								
10			Boring terminated at 9ft due to refusal. Backfilled with sand.					
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: SB - 17		



Phase II ESA: 312, 316 & 322 Warburton Ave
Yonkers, NY 10705

Project Name:	312, 316 & 322 Warburton Phase II
Project No:	2242536
Sampled By	Corella, W
Date:	6/5/2024
Weather/ Wind:	90 F Sunny

Sample ID: SS - 1	
Sub-Slab Pressure: "wc	
Tracer gas in dome (% of atmosphere): 96%	
Sample Type: Sub-Slab /Indoor Air/Outdoor Air	
Time	Vacuum Reading "wc
12:37	-29.69
12:50	-28.40
13:00	-27.10
13:15	-25.97
13:30	-24.32
13:47	-22.56
14:01	-20.99
14:13	-19.60
14:25	-18.10
14:33	-16.90
14:47	-15.70
14:57	-14.86
15:08	-13.35
15:22	-11.65
FLOW CONTROLLER ID:	1420
CANISTER ID:	2917

Sample ID: SS - 2	
Sub-Slab Pressure: "wc	
Tracer gas in dome (% of atmosphere): 99%	
Sample Type: Sub-Slab /Indoor Air/Outdoor Air	
Time	Vacuum Reading "wc
12:37	-30.14
12:50	-27.55
13:00	-25.04
13:15	-22.67
13:30	-19.33
13:47	-15.60
14:00	-12.50
14:13	-9.85
14:20	-8.50
14:25	-7.00
FLOW CONTROLLER ID:	938
CANISTER ID:	2775

Sample ID: SS - 3	
Sub-Slab Pressure: "wc	
Tracer gas in dome (% of atmosphere): 96%	
Sample Type: Sub-Slab /Indoor Air/Outdoor Air	
Time	Vacuum Reading "wc
12:37	-29.75
12:50	-27.43
13:00	-25.22
13:15	-23.19
13:30	-20.18
13:48	-16.88
14:02	-14.14
14:13	-11.69
14:20	-10.33
14:35	-7.39
FLOW CONTROLLER ID:	336
CANISTER ID:	1831

Sample ID: SV - 1	
Sub-Slab Pressure: "wc	
Tracer gas in dome (% of atmosphere): 99%	
Sample Type: Sub-Slab /Indoor Air/Outdoor Air	
Time	Vacuum Reading "wc
12:46	-29.57
13:08	-25.46
13:18	-23.33
13:28	-21.3
13:42	-18.54
13:52	-16.15
14:00	-13.48
14:20	-10.92
14:30	-8.66
FLOW CONTROLLER ID:	1420
CANISTER ID:	2717

Sample ID: SS -4	
Sub-Slab Pressure: "wc	
Tracer gas in dome (% of atmosphere): 95%	
Sample Type: Sub-Slab /Indoor Air/Outdoor Air	
Time	Vacuum Reading "wc
12:57	-30.12
13:12	-27.18
13:20	-25.58
13:30	-23.04
13:40	-20.35
18:53	-17.8
14:05	-14.76
14:21	-11.36
14:30	-8.77
14:45	-4.13
FLOW CONTROLLER ID:	1450.0
CANISTER ID:	1969.0

[illegible]

Notes/Activities:



APPENDIX 2

Laboratory Report



ANALYTICAL REPORT

Lab Number:	L2431339
Client:	LaBella Associates 45 Main Street Brooklyn, NY 11201
ATTN:	Cynthia Chu
Phone:	(917) 280-6364
Project Name:	312/316/322 WARBURTON AVE PHII
Project Number:	2242536
Report Date:	06/24/24

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431339-01	SS-1	SOIL_VAPOR	YONKERS, NY	06/05/24 15:38	06/05/24
L2431339-02	SS-2	SOIL_VAPOR	YONKERS, NY	06/05/24 14:25	06/05/24
L2431339-03	SS-3	SOIL_VAPOR	YONKERS, NY	06/05/24 14:35	06/05/24
L2431339-04	SS-4	SOIL_VAPOR	YONKERS, NY	06/05/24 14:45	06/05/24
L2431339-05	SV-1	SOIL_VAPOR	YONKERS, NY	06/05/24 14:30	06/05/24

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 5, 2024. The canister certification data is provided as an addendum.

L2431339-01: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2431339-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2431339-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2431339-02D,03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2431339-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the 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:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/24/24

AIR

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-01
Client ID: SS-1
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:38
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 06/20/24 20:43
Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.774	0.200	--	3.83	0.989	--		1
Chloromethane	0.218	0.200	--	0.450	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	169	5.00	--	318	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	157	1.00	--	373	2.38	--		1
Trichlorofluoromethane	0.246	0.200	--	1.38	1.12	--		1
Isopropanol	67.7	0.500	--	166	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.47	0.500	--	7.49	1.52	--		1
Methylene chloride	2.00	0.500	--	6.95	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.835	0.200	--	2.60	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	8.38	0.200	--	33.2	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.58	0.500	--	10.6	1.47	--		1
cis-1,2-Dichloroethene	272	0.200	--	1080	0.793	--	E	1



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-01
 Client ID: SS-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:38
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	17.5	0.200	--	85.5	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.95	0.200	--	10.4	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.85	0.200	--	9.10	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.70	0.200	--	5.85	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	91.7	0.200	--	493	1.07	--		1
2,2,4-Trimethylpentane	2.14	0.200	--	10.0	0.934	--		1
Heptane	3.37	0.200	--	13.8	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.18	0.500	--	4.84	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	55.9	0.200	--	211	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	318	0.200	--	2160	1.36	--	E	1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	7.42	0.200	--	32.2	0.869	--		1



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-01
 Client ID: SS-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:38
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	27.1	0.400	--	118	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.582	0.200	--	2.48	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	8.77	0.200	--	38.1	0.869	--		1
4-Ethyltoluene	0.347	0.200	--	1.71	0.983	--		1
1,3,5-Trimethylbenzene	0.434	0.200	--	2.13	0.983	--		1
1,2,4-Trimethylbenzene	1.67	0.200	--	8.21	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	101		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-01 D
 Client ID: SS-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:38
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/21/24 08:14
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
cis-1,2-Dichloroethene	297	2.00	--	1180	7.93	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	110		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-01 D2
 Client ID: SS-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:38
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/22/24 03:11
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	1930	5.71	--	13100	38.7	--		28.54

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-02 D
 Client ID: SS-2
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:25
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/21/24 08:53
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	357.	--	ND	1770	--		1786
Chloromethane	ND	357.	--	ND	737	--		1786
Freon-114	ND	357.	--	ND	2500	--		1786
Vinyl chloride	ND	357.	--	ND	913	--		1786
1,3-Butadiene	ND	357.	--	ND	790	--		1786
Bromomethane	ND	357.	--	ND	1390	--		1786
Chloroethane	ND	357.	--	ND	942	--		1786
Ethanol	ND	8930	--	ND	16800	--		1786
Vinyl bromide	ND	357.	--	ND	1560	--		1786
Acetone	ND	1790	--	ND	4250	--		1786
Trichlorofluoromethane	ND	357.	--	ND	2010	--		1786
Isopropanol	ND	893	--	ND	2200	--		1786
1,1-Dichloroethene	ND	357	--	ND	1420	--		1786
Tertiary butyl Alcohol	ND	893.	--	ND	2710	--		1786
Methylene chloride	ND	893	--	ND	3100	--		1786
3-Chloropropene	ND	357.	--	ND	1120	--		1786
Carbon disulfide	ND	357.	--	ND	1110	--		1786
Freon-113	ND	357.	--	ND	2740	--		1786
trans-1,2-Dichloroethene	ND	357.	--	ND	1420	--		1786
1,1-Dichloroethane	ND	357.	--	ND	1440	--		1786
Methyl tert butyl ether	ND	357.	--	ND	1290	--		1786
2-Butanone	ND	893.	--	ND	2630	--		1786
cis-1,2-Dichloroethene	ND	357.	--	ND	1420	--		1786



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-02 D
 Client ID: SS-2
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:25
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	893.	--	ND	3220	--		1786
Chloroform	ND	357.	--	ND	1740	--		1786
Tetrahydrofuran	ND	893.	--	ND	2630	--		1786
1,2-Dichloroethane	ND	357.	--	ND	1440	--		1786
n-Hexane	ND	357.	--	ND	1260	--		1786
1,1,1-Trichloroethane	ND	357.	--	ND	1950	--		1786
Benzene	ND	357.	--	ND	1140	--		1786
Carbon tetrachloride	ND	357	--	ND	2250	--		1786
Cyclohexane	ND	357.	--	ND	1230	--		1786
1,2-Dichloropropane	ND	357.	--	ND	1650	--		1786
Bromodichloromethane	ND	357.	--	ND	2390	--		1786
1,4-Dioxane	ND	357.	--	ND	1290	--		1786
Trichloroethene	602	357	--	3240	1920	--		1786
2,2,4-Trimethylpentane	ND	357.	--	ND	1670	--		1786
Heptane	ND	357.	--	ND	1460	--		1786
cis-1,3-Dichloropropene	ND	357.	--	ND	1620	--		1786
4-Methyl-2-pentanone	ND	893.	--	ND	3660	--		1786
trans-1,3-Dichloropropene	ND	357.	--	ND	1620	--		1786
1,1,2-Trichloroethane	ND	357	--	ND	1950	--		1786
Toluene	ND	357	--	ND	1350	--		1786
2-Hexanone	ND	357.	--	ND	1460	--		1786
Dibromochloromethane	ND	357.	--	ND	3040	--		1786
1,2-Dibromoethane	ND	357.	--	ND	2740	--		1786
Tetrachloroethene	112000	357	--	759000	2420	--		1786
Chlorobenzene	ND	357.	--	ND	1640	--		1786
Ethylbenzene	ND	357.	--	ND	1550	--		1786



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-02 D
Client ID: SS-2
Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:25
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	714	--	ND	3100	--		1786
Bromoform	ND	357.	--	ND	3690	--		1786
Styrene	ND	357.	--	ND	1520	--		1786
1,1,2,2-Tetrachloroethane	ND	357.	--	ND	2450	--		1786
o-Xylene	ND	357.	--	ND	1550	--		1786
4-Ethyltoluene	ND	357.	--	ND	1760	--		1786
1,3,5-Trimethylbenzene	ND	357.	--	ND	1760	--		1786
1,2,4-Trimethylbenzene	ND	357.	--	ND	1760	--		1786
Benzyl chloride	ND	357.	--	ND	1850	--		1786
1,3-Dichlorobenzene	ND	357.	--	ND	2150	--		1786
1,4-Dichlorobenzene	ND	357.	--	ND	2150	--		1786
1,2-Dichlorobenzene	ND	357.	--	ND	2150	--		1786
1,2,4-Trichlorobenzene	ND	357.	--	ND	2650	--		1786
Naphthalene	ND	357.	--	ND	1870	--		1786
Hexachlorobutadiene	ND	357.	--	ND	3810	--		1786

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	113		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	112		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-03 D
 Client ID: SS-3
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:35
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/21/24 09:31
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	48.5	--	ND	240	--		242.7
Chloromethane	ND	48.5	--	ND	100	--		242.7
Freon-114	ND	48.5	--	ND	339	--		242.7
Vinyl chloride	ND	48.5	--	ND	124	--		242.7
1,3-Butadiene	ND	48.5	--	ND	107	--		242.7
Bromomethane	ND	48.5	--	ND	188	--		242.7
Chloroethane	ND	48.5	--	ND	128	--		242.7
Ethanol	ND	1210	--	ND	2280	--		242.7
Vinyl bromide	ND	48.5	--	ND	212	--		242.7
Acetone	ND	243	--	ND	577	--		242.7
Trichlorofluoromethane	ND	48.5	--	ND	273	--		242.7
Isopropanol	ND	121	--	ND	297	--		242.7
1,1-Dichloroethene	ND	48.5	--	ND	192	--		242.7
Tertiary butyl Alcohol	ND	121.	--	ND	367	--		242.7
Methylene chloride	ND	121	--	ND	420	--		242.7
3-Chloropropene	ND	48.5	--	ND	152	--		242.7
Carbon disulfide	ND	48.5	--	ND	151	--		242.7
Freon-113	ND	48.5	--	ND	372	--		242.7
trans-1,2-Dichloroethene	ND	48.5	--	ND	192	--		242.7
1,1-Dichloroethane	ND	48.5	--	ND	196	--		242.7
Methyl tert butyl ether	ND	48.5	--	ND	175	--		242.7
2-Butanone	ND	121.	--	ND	357	--		242.7
cis-1,2-Dichloroethene	ND	48.5	--	ND	192	--		242.7



Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-03 D
Client ID: SS-3
Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:35
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	121.	--	ND	436	--		242.7
Chloroform	ND	48.5	--	ND	237	--		242.7
Tetrahydrofuran	ND	121.	--	ND	357	--		242.7
1,2-Dichloroethane	ND	48.5	--	ND	196	--		242.7
n-Hexane	ND	48.5	--	ND	171	--		242.7
1,1,1-Trichloroethane	ND	48.5	--	ND	265	--		242.7
Benzene	ND	48.5	--	ND	155	--		242.7
Carbon tetrachloride	ND	48.5	--	ND	305	--		242.7
Cyclohexane	ND	48.5	--	ND	167	--		242.7
1,2-Dichloropropane	ND	48.5	--	ND	224	--		242.7
Bromodichloromethane	ND	48.5	--	ND	325	--		242.7
1,4-Dioxane	ND	48.5	--	ND	175	--		242.7
Trichloroethene	61.4	48.5	--	330	261	--		242.7
2,2,4-Trimethylpentane	ND	48.5	--	ND	227	--		242.7
Heptane	ND	48.5	--	ND	199	--		242.7
cis-1,3-Dichloropropene	ND	48.5	--	ND	220	--		242.7
4-Methyl-2-pentanone	ND	121.	--	ND	496	--		242.7
trans-1,3-Dichloropropene	ND	48.5	--	ND	220	--		242.7
1,1,2-Trichloroethane	ND	48.5	--	ND	265	--		242.7
Toluene	ND	48.5	--	ND	183	--		242.7
2-Hexanone	ND	48.5	--	ND	199	--		242.7
Dibromochloromethane	ND	48.5	--	ND	413	--		242.7
1,2-Dibromoethane	ND	48.5	--	ND	373	--		242.7
Tetrachloroethene	15500	48.5	--	105000	329	--		242.7
Chlorobenzene	ND	48.5	--	ND	223	--		242.7
Ethylbenzene	ND	48.5	--	ND	211	--		242.7



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-03 D
 Client ID: SS-3
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:35
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	97.1	--	ND	422	--		242.7
Bromoform	ND	48.5	--	ND	501	--		242.7
Styrene	ND	48.5	--	ND	206	--		242.7
1,1,2,2-Tetrachloroethane	ND	48.5	--	ND	333	--		242.7
o-Xylene	ND	48.5	--	ND	211	--		242.7
4-Ethyltoluene	ND	48.5	--	ND	238	--		242.7
1,3,5-Trimethylbenzene	ND	48.5	--	ND	238	--		242.7
1,2,4-Trimethylbenzene	ND	48.5	--	ND	238	--		242.7
Benzyl chloride	ND	48.5	--	ND	251	--		242.7
1,3-Dichlorobenzene	ND	48.5	--	ND	292	--		242.7
1,4-Dichlorobenzene	ND	48.5	--	ND	292	--		242.7
1,2-Dichlorobenzene	ND	48.5	--	ND	292	--		242.7
1,2,4-Trichlorobenzene	ND	48.5	--	ND	360	--		242.7
Naphthalene	ND	48.5	--	ND	254	--		242.7
Hexachlorobutadiene	ND	48.5	--	ND	517	--		242.7

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	116		60-140
chlorobenzene-d5	110		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-04
 Client ID: SS-4
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:45
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/20/24 22:36
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	5.65	0.200	--	27.9	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	53.6	5.00	--	101	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	52.3	1.00	--	124	2.38	--		1
Trichlorofluoromethane	0.250	0.200	--	1.40	1.12	--		1
Isopropanol	22.9	0.500	--	56.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.957	0.500	--	2.90	1.52	--		1
Methylene chloride	0.691	0.500	--	2.40	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.37	0.500	--	4.04	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431339**Project Number:** 2242536**Report Date:** 06/24/24**SAMPLE RESULTS**

Lab ID: L2431339-04
 Client ID: SS-4
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:45
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.518	0.500	--	1.53	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.10	0.200	--	3.88	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.28	0.200	--	4.09	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.476	0.200	--	1.64	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.816	0.200	--	3.81	0.934	--		1
Heptane	1.81	0.200	--	7.42	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	23.5	0.200	--	88.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.86	0.200	--	12.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.24	0.200	--	22.8	0.869	--		1



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-04
 Client ID: SS-4
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:45
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	20.1	0.400	--	87.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.401	0.200	--	1.71	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	6.30	0.200	--	27.4	0.869	--		1
4-Ethyltoluene	0.211	0.200	--	1.04	0.983	--		1
1,3,5-Trimethylbenzene	0.300	0.200	--	1.47	0.983	--		1
1,2,4-Trimethylbenzene	1.06	0.200	--	5.21	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	96		60-140



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-05 D
 Client ID: SV-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:30
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/20/24 23:12
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.909	--	ND	4.49	--		4.545
Chloromethane	ND	0.909	--	ND	1.88	--		4.545
Freon-114	ND	0.909	--	ND	6.35	--		4.545
Vinyl chloride	ND	0.909	--	ND	2.32	--		4.545
1,3-Butadiene	19.6	0.909	--	43.4	2.01	--		4.545
Bromomethane	ND	0.909	--	ND	3.53	--		4.545
Chloroethane	ND	0.909	--	ND	2.40	--		4.545
Ethanol	ND	22.7	--	ND	42.8	--		4.545
Vinyl bromide	ND	0.909	--	ND	3.97	--		4.545
Acetone	97.0	4.54	--	230	10.8	--		4.545
Trichlorofluoromethane	ND	0.909	--	ND	5.11	--		4.545
Isopropanol	2.81	2.27	--	6.91	5.58	--		4.545
1,1-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545
Tertiary butyl Alcohol	8.67	2.27	--	26.3	6.88	--		4.545
Methylene chloride	ND	2.27	--	ND	7.89	--		4.545
3-Chloropropene	ND	0.909	--	ND	2.85	--		4.545
Carbon disulfide	3.04	0.909	--	9.47	2.83	--		4.545
Freon-113	ND	0.909	--	ND	6.97	--		4.545
trans-1,2-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545
1,1-Dichloroethane	ND	0.909	--	ND	3.68	--		4.545
Methyl tert butyl ether	ND	0.909	--	ND	3.28	--		4.545
2-Butanone	7.63	2.27	--	22.5	6.69	--		4.545
cis-1,2-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-05 D
 Client ID: SV-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:30
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.27	--	ND	8.18	--		4.545
Chloroform	ND	0.909	--	ND	4.44	--		4.545
Tetrahydrofuran	ND	2.27	--	ND	6.69	--		4.545
1,2-Dichloroethane	ND	0.909	--	ND	3.68	--		4.545
n-Hexane	12.3	0.909	--	43.3	3.20	--		4.545
1,1,1-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Benzene	7.07	0.909	--	22.6	2.90	--		4.545
Carbon tetrachloride	ND	0.909	--	ND	5.72	--		4.545
Cyclohexane	1.68	0.909	--	5.78	3.13	--		4.545
1,2-Dichloropropane	ND	0.909	--	ND	4.20	--		4.545
Bromodichloromethane	ND	0.909	--	ND	6.09	--		4.545
1,4-Dioxane	ND	0.909	--	ND	3.28	--		4.545
Trichloroethene	ND	0.909	--	ND	4.89	--		4.545
2,2,4-Trimethylpentane	ND	0.909	--	ND	4.25	--		4.545
Heptane	6.06	0.909	--	24.8	3.73	--		4.545
cis-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
4-Methyl-2-pentanone	5.48	2.27	--	22.5	9.30	--		4.545
trans-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
1,1,2-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Toluene	19.0	0.909	--	71.6	3.43	--		4.545
2-Hexanone	1.04	0.909	--	4.26	3.73	--		4.545
Dibromochloromethane	ND	0.909	--	ND	7.74	--		4.545
1,2-Dibromoethane	ND	0.909	--	ND	6.99	--		4.545
Tetrachloroethene	71.6	0.909	--	486	6.16	--		4.545
Chlorobenzene	ND	0.909	--	ND	4.19	--		4.545
Ethylbenzene	4.93	0.909	--	21.4	3.95	--		4.545



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

SAMPLE RESULTS

Lab ID: L2431339-05 D
 Client ID: SV-1
 Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:30
 Date Received: 06/05/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	20.0	1.82	--	86.9	7.91	--		4.545
Bromoform	ND	0.909	--	ND	9.40	--		4.545
Styrene	ND	0.909	--	ND	3.87	--		4.545
1,1,2,2-Tetrachloroethane	ND	0.909	--	ND	6.24	--		4.545
o-Xylene	6.98	0.909	--	30.3	3.95	--		4.545
4-Ethyltoluene	1.83	0.909	--	9.00	4.47	--		4.545
1,3,5-Trimethylbenzene	2.20	0.909	--	10.8	4.47	--		4.545
1,2,4-Trimethylbenzene	8.03	0.909	--	39.5	4.47	--		4.545
Benzyl chloride	ND	0.909	--	ND	4.71	--		4.545
1,3-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,4-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2,4-Trichlorobenzene	ND	0.909	--	ND	6.75	--		4.545
Naphthalene	ND	0.909	--	ND	4.77	--		4.545
Hexachlorobutadiene	ND	0.909	--	ND	9.70	--		4.545

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	102		60-140



Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431339**Project Number:** 2242536**Report Date:** 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/20/24 15:25

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1937255-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/20/24 15:25

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1937255-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/20/24 15:25

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1937255-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/24 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1937715-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431339**Project Number:** 2242536**Report Date:** 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/24 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1937715-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431339**Project Number:** 2242536**Report Date:** 06/24/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/21/24 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1937715-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2431339

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1937255-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	104		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	111		-		70-130	-		
Ethanol	106		-		40-160	-		
Vinyl bromide	114		-		70-130	-		
Acetone	100		-		40-160	-		
Trichlorofluoromethane	86		-		70-130	-		
Isopropanol	80		-		40-160	-		
1,1-Dichloroethene	116		-		70-130	-		
Tertiary butyl Alcohol	107		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	119		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	113		-		70-130	-		
1,1-Dichloroethane	113		-		70-130	-		
Methyl tert butyl ether	99		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	116		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1937255-3								
Ethyl Acetate	122		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	106		-		70-130	-		
1,2-Dichloroethane	103		-		70-130	-		
n-Hexane	117		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	95		-		70-130	-		
Cyclohexane	115		-		70-130	-		
1,2-Dichloropropane	111		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	121		-		70-130	-		
Heptane	105		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	110		-		70-130	-		
trans-1,3-Dichloropropene	100		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave Phil

Project Number: 2242536

Lab Number: L2431339

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1937255-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	101		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,2,2-Tetrachloroethane	103		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Benzyl chloride	115		-		70-130	-		
1,3-Dichlorobenzene	98		-		70-130	-		
1,4-Dichlorobenzene	100		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
Naphthalene	100		-		70-130	-		
Hexachlorobutadiene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2431339

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1937715-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	80		-		70-130	-		
Freon-114	96		-		70-130	-		
Vinyl chloride	84		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	86		-		70-130	-		
Ethanol	85		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	90		-		40-160	-		
Trichlorofluoromethane	96		-		70-130	-		
Isopropanol	109		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	90		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	97		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2431339

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1937715-3								
Ethyl Acetate	103		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	98		-		70-130	-		
n-Hexane	106		-		70-130	-		
1,1,1-Trichloroethane	101		-		70-130	-		
Benzene	98		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	104		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	107		-		70-130	-		
1,4-Dioxane	114		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Heptane	107		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	104		-		70-130	-		
trans-1,3-Dichloropropene	103		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	108		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1937715-3								
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	103		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	105		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	99		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	104		-		70-130	-		
Benzyl chloride	101		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	100		-		70-130	-		
1,2-Dichlorobenzene	68	Q	-		70-130	-		
1,2,4-Trichlorobenzene	101		-		70-130	-		
Naphthalene	97		-		70-130	-		
Hexachlorobutadiene	93		-		70-130	-		

Project Name: 312/316/322 Warburton Ave PHII

Serial_No:06242413:48
Lab Number: L2431339

Project Number: 2242536

Report Date: 06/24/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2431339-01	SS-1	01420	Flow 2	06/05/24	470625		-	-	-	Pass	39.8	19.7	68
L2431339-01	SS-1	2917	6.0L Can	06/05/24	470625	L2422630-07	Pass	-29.4	-9.9	-	-	-	-
L2431339-02	SS-2	0938	Flow 2	06/05/24	470625		-	-	-	Pass	40.0	18.9	72
L2431339-02	SS-2	2775	6.0L Can	06/05/24	470625	L2422630-07	Pass	-29.5	-6.9	-	-	-	-
L2431339-03	SS-3	0336	Flow 1	06/05/24	470625		-	-	-	Pass	39.8	19.4	69
L2431339-03	SS-3	1831	6.0L Can	06/05/24	470625	L2422630-07	Pass	-29.4	-7.5	-	-	-	-
L2431339-04	SS-4	01450	Flow 2	06/05/24	470625		-	-	-	Pass	39.7	19.3	69
L2431339-04	SS-4	1969	6.0L Can	06/05/24	470625	L2422630-07	Pass	-29.3	-4.8	-	-	-	-
L2431339-05	SV-1	01161	Flow 2	06/05/24	470625		-	-	-	Pass	40.0	20.1	66
L2431339-05	SV-1	1965	6.0L Can	06/05/24	470625	L2422630-07	Pass	-29.5	-9.6	-	-	-	-

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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/26/24 02:40
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2422630**Project Number:** CANISTER QC BAT**Report Date:** 06/24/24**Air Canister Certification Results**

Lab ID: L2422630-07

Date Collected: 04/25/24 12:00

Client ID: CAN 1715 SHELF 53

Date Received: 04/25/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/26/24 02:40
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



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

Lab Number: L2422630
Report Date: 06/24/24

Air Canister Certification Results

Lab ID: L2422630-07
Client ID: CAN 1715 SHELF 53
Sample Location:

Date Collected: 04/25/24 12:00
Date Received: 04/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2422630**Project Number:** CANISTER QC BAT**Report Date:** 06/24/24**Air Canister Certification Results**

Lab ID: L2422630-07

Date Collected: 04/25/24 12:00

Client ID: CAN 1715 SHELF 53

Date Received: 04/25/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431339**Project Number:** 2242536**Report Date:** 06/24/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431339-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2431339-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2431339-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2431339-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2431339-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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.

Report Format: Data Usability Report



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- 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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431339
Report Date: 06/24/24

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its 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 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, 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, SM4500NO2-B

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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **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 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

AIR ANALYSIS

PAGE 1 OF 1

Date Rec'd in Lab:

6/6/24

ALPHA Job #:

L2431339



CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: LaBella Associates
Address: 45 Main St Suite 1018
Brooklyn, NY 11201
Phone: 516-225-0396

Fax:

Email: cchu@labellapc.com☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 312/316/322 Warburton ave phase II
Project Location: Yonkers, NY
Project #: 2242536
Project Manager: Cynthia Chu
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Report Information - Data Deliverables

☐ FAX☒ ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)☒ Additional Deliverables:EQUS, ASP-B

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

ANALYSIS

☐ TO-15
TO-15 SIM
APH
Subject Non-petroleum HCs
Fixed Gases
Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 APH	Fixed Gases	Sulfides	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
31339-01	SS-1	6/5/24	12:37	15:38	-29.69	-7.00	ASH	TBH	6L	2717	04120	X					
-02	SS-2	↓	12:37	14:25	-30.14	-7.39	ASH	TBH	6L	2715	0938	X					
-03	SS-3		12:37	14:35	-30.75	-7.39	ASH	TBH	6L	1831	0336	X					
-04	SS-4		12:57	14:45	-30.12	-4.13	ASH	TBH	6L	1969	0450	X					
-05	SV-1		↓	12:46	14:30	-29.57	-7.66	ASH	TBH	6L	1965	01161	X				

*SAMPLE MATRIX CODES

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

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

W. Dan Fik

Date/Time

6/5 17:05

Received By:

Anthony Green

Date/Time:

6/5 1705
JUN 05 2024 2230

6/6/24 0135

6/6/24 0645

6/6/24 0135

6/6/24 0645



ANALYTICAL REPORT

Lab Number:	L2431342
Client:	LaBella Associates 45 Main Street Brooklyn, NY 11201
ATTN:	Cynthia Chu
Phone:	(917) 280-6364
Project Name:	312/316/322 WARBURTON AVE PHII
Project Number:	2242536
Report Date:	06/13/24

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), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431342-01	SB-01 (11-12')	SOIL	YONKERS, NY	06/05/24 10:20	06/05/24
L2431342-02	SB-02 (6-8')	SOIL	YONKERS, NY	06/05/24 11:07	06/05/24
L2431342-03	SB-03 (10-11')	SOIL	YONKERS, NY	06/05/24 14:10	06/05/24
L2431342-04	SB-07 (2-3')	SOIL	YONKERS, NY	06/05/24 13:35	06/05/24
L2431342-05	SB-08 (12-14')	SOIL	YONKERS, NY	06/05/24 12:05	06/05/24
L2431342-06	SB-12 (2-4')	SOIL	YONKERS, NY	06/05/24 15:15	06/05/24

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

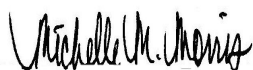
L2431342-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals

L2431342-03 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 06/13/24

ORGANICS

VOLATILES

Project Name: 312/316/322 Warburton Ave PhII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-01
Client ID: SB-01 (11-12')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 10:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/07/24 22:24
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	27		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	0.18	J	ug/kg	0.52	0.17	1
Toluene	0.62	J	ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-01
Client ID: SB-01 (11-12')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 10:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	0.19	J	ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.19	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 312/316/322 Warburton Ave PhII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-01
Client ID: SB-01 (11-12')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 10:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/07/24 23:03
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	68		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	5.6	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

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

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/07/24 23:42
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	51	7.4	1
Chloroform	ND		ug/kg	76	7.1	1
Carbon tetrachloride	ND		ug/kg	51	12.	1
1,2-Dichloropropane	ND		ug/kg	51	6.4	1
Dibromochloromethane	ND		ug/kg	51	7.1	1
1,1,2-Trichloroethane	ND		ug/kg	51	14.	1
Tetrachloroethene	550		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.5	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	51	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.5	1
Bromodichloromethane	ND		ug/kg	26	5.6	1
trans-1,3-Dichloropropene	ND		ug/kg	51	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.1	1
1,3-Dichloropropene, Total	ND		ug/kg	26	8.1	1
1,1-Dichloropropene	ND		ug/kg	26	8.1	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.5	1
Benzene	ND		ug/kg	26	8.5	1
Toluene	ND		ug/kg	51	28.	1
Ethylbenzene	ND		ug/kg	51	7.2	1
Chloromethane	ND		ug/kg	200	48.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	51	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	51	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	76	7.0	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	26	7.0	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.7	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	51	15.	1
Xylenes, Total	ND		ug/kg	51	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	51	8.9	1
1,2-Dichloroethene, Total	ND		ug/kg	51	7.0	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	51	10.	1
Dichlorodifluoromethane	ND		ug/kg	510	47.	1
Acetone	ND		ug/kg	510	240	1
Carbon disulfide	ND		ug/kg	510	230	1
2-Butanone	ND		ug/kg	510	110	1
Vinyl acetate	ND		ug/kg	510	110	1
4-Methyl-2-pentanone	ND		ug/kg	510	65.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.5	1
2-Hexanone	ND		ug/kg	510	60.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	51	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	26	6.7	1
Bromobenzene	ND		ug/kg	100	7.4	1
n-Butylbenzene	ND		ug/kg	51	8.5	1
sec-Butylbenzene	ND		ug/kg	51	7.4	1
tert-Butylbenzene	ND		ug/kg	100	6.0	1
o-Chlorotoluene	ND		ug/kg	100	9.7	1
p-Chlorotoluene	ND		ug/kg	100	5.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	51.	1
Hexachlorobutadiene	ND		ug/kg	200	8.6	1
Isopropylbenzene	ND		ug/kg	51	5.6	1
p-Isopropyltoluene	ND		ug/kg	51	5.6	1
Naphthalene	ND		ug/kg	200	33.	1
Acrylonitrile	ND		ug/kg	200	59.	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	51	8.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4100	1800	1
p-Diethylbenzene	ND		ug/kg	100	9.0	1
p-Ethyltoluene	ND		ug/kg	100	20.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.7	1
Ethyl ether	ND		ug/kg	100	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	260	72.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 312/316/322 Warburton Ave PhII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/08/24 00:21
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	8.2		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	105		70-130

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 21:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,06 Batch: WG1932167-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.26	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/07/24 21:06
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,06 Batch: WG1932167-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 21:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,06 Batch: WG1932167-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

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

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/07/24 21:06
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1932168-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	13	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/07/24 21:06
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1932168-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 21:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1932168-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2431342

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1932167-3 WG1932167-4								
Methylene chloride	86		92		70-130	7		30
1,1-Dichloroethane	91		98		70-130	7		30
Chloroform	89		95		70-130	7		30
Carbon tetrachloride	83		91		70-130	9		30
1,2-Dichloropropane	94		101		70-130	7		30
Dibromochloromethane	86		94		70-130	9		30
1,1,2-Trichloroethane	89		95		70-130	7		30
Tetrachloroethene	80		86		70-130	7		30
Chlorobenzene	88		94		70-130	7		30
Trichlorofluoromethane	89		94		70-139	5		30
1,2-Dichloroethane	90		96		70-130	6		30
1,1,1-Trichloroethane	84		92		70-130	9		30
Bromodichloromethane	90		96		70-130	6		30
trans-1,3-Dichloropropene	91		97		70-130	6		30
cis-1,3-Dichloropropene	92		98		70-130	6		30
1,1-Dichloropropene	86		93		70-130	8		30
Bromoform	83		89		70-130	7		30
1,1,2,2-Tetrachloroethane	90		99		70-130	10		30
Benzene	91		98		70-130	7		30
Toluene	90		95		70-130	5		30
Ethylbenzene	92		98		70-130	6		30
Chloromethane	80		84		52-130	5		30
Bromomethane	70		76		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave Phil

Project Number: 2242536

Lab Number: L2431342

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1932167-3 WG1932167-4								
Vinyl chloride	84		89		67-130	6		30
Chloroethane	88		94		50-151	7		30
1,1-Dichloroethene	82		88		65-135	7		30
trans-1,2-Dichloroethene	83		89		70-130	7		30
Trichloroethene	87		91		70-130	4		30
1,2-Dichlorobenzene	87		94		70-130	8		30
1,3-Dichlorobenzene	88		94		70-130	7		30
1,4-Dichlorobenzene	88		94		70-130	7		30
Methyl tert butyl ether	85		91		66-130	7		30
p/m-Xylene	91		98		70-130	7		30
o-Xylene	90		96		70-130	6		30
cis-1,2-Dichloroethene	84		90		70-130	7		30
Dibromomethane	90		95		70-130	5		30
Styrene	96		103		70-130	7		30
Dichlorodifluoromethane	69		72		30-146	4		30
Acetone	102		113		54-140	10		30
Carbon disulfide	76		81		59-130	6		30
2-Butanone	100		112		70-130	11		30
Vinyl acetate	95		111		70-130	16		30
4-Methyl-2-pentanone	97		104		70-130	7		30
1,2,3-Trichloropropane	90		97		68-130	7		30
2-Hexanone	104		113		70-130	8		30
Bromochloromethane	87		92		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1932167-3 WG1932167-4								
2,2-Dichloropropane	87		92		70-130	6		30
1,2-Dibromoethane	88		94		70-130	7		30
1,3-Dichloropropane	90		96		69-130	6		30
1,1,1,2-Tetrachloroethane	85		92		70-130	8		30
Bromobenzene	86		92		70-130	7		30
n-Butylbenzene	91		100		70-130	9		30
sec-Butylbenzene	91		99		70-130	8		30
tert-Butylbenzene	88		94		70-130	7		30
o-Chlorotoluene	91		98		70-130	7		30
p-Chlorotoluene	92		98		70-130	6		30
1,2-Dibromo-3-chloropropane	82		92		68-130	11		30
Hexachlorobutadiene	84		91		67-130	8		30
Isopropylbenzene	90		98		70-130	9		30
p-Isopropyltoluene	90		97		70-130	7		30
Naphthalene	90		95		70-130	5		30
Acrylonitrile	101		108		70-130	7		30
n-Propylbenzene	92		100		70-130	8		30
1,2,3-Trichlorobenzene	98		101		70-130	3		30
1,2,4-Trichlorobenzene	91		96		70-130	5		30
1,3,5-Trimethylbenzene	91		97		70-130	6		30
1,2,4-Trimethylbenzene	92		99		70-130	7		30
1,4-Dioxane	79		90		65-136	13		30
p-Diethylbenzene	88		96		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1932167-3 WG1932167-4								
p-Ethyltoluene	90		96		70-130	6		30
1,2,4,5-Tetramethylbenzene	89		96		70-130	8		30
Ethyl ether	86		91		67-130	6		30
trans-1,4-Dichloro-2-butene	104		112		70-130	7		30

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

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1932168-3 WG1932168-4								
Methylene chloride	86		92		70-130	7		30
1,1-Dichloroethane	91		98		70-130	7		30
Chloroform	89		95		70-130	7		30
Carbon tetrachloride	83		91		70-130	9		30
1,2-Dichloropropane	94		101		70-130	7		30
Dibromochloromethane	86		94		70-130	9		30
1,1,2-Trichloroethane	89		95		70-130	7		30
Tetrachloroethene	80		86		70-130	7		30
Chlorobenzene	88		94		70-130	7		30
Trichlorofluoromethane	89		94		70-139	5		30
1,2-Dichloroethane	90		96		70-130	6		30
1,1,1-Trichloroethane	84		92		70-130	9		30
Bromodichloromethane	90		96		70-130	6		30
trans-1,3-Dichloropropene	91		97		70-130	6		30
cis-1,3-Dichloropropene	92		98		70-130	6		30
1,1-Dichloropropene	86		93		70-130	8		30
Bromoform	83		89		70-130	7		30
1,1,2,2-Tetrachloroethane	90		99		70-130	10		30
Benzene	91		98		70-130	7		30
Toluene	90		95		70-130	5		30
Ethylbenzene	92		98		70-130	6		30
Chloromethane	80		84		52-130	5		30
Bromomethane	70		76		57-147	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312/316/322 Warburton Ave Phil

Project Number: 2242536

Lab Number: L2431342

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1932168-3 WG1932168-4								
Vinyl chloride	84		89		67-130	6		30
Chloroethane	88		94		50-151	7		30
1,1-Dichloroethene	82		88		65-135	7		30
trans-1,2-Dichloroethene	83		89		70-130	7		30
Trichloroethene	87		91		70-130	4		30
1,2-Dichlorobenzene	87		94		70-130	8		30
1,3-Dichlorobenzene	88		94		70-130	7		30
1,4-Dichlorobenzene	88		94		70-130	7		30
Methyl tert butyl ether	85		91		66-130	7		30
p/m-Xylene	91		98		70-130	7		30
o-Xylene	90		96		70-130	6		30
cis-1,2-Dichloroethene	84		90		70-130	7		30
Dibromomethane	90		95		70-130	5		30
Styrene	96		103		70-130	7		30
Dichlorodifluoromethane	69		72		30-146	4		30
Acetone	102		113		54-140	10		30
Carbon disulfide	76		81		59-130	6		30
2-Butanone	100		112		70-130	11		30
Vinyl acetate	95		111		70-130	16		30
4-Methyl-2-pentanone	97		104		70-130	7		30
1,2,3-Trichloropropane	90		97		68-130	7		30
2-Hexanone	104		113		70-130	8		30
Bromochloromethane	87		92		70-130	6		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1932168-3 WG1932168-4								
2,2-Dichloropropane	87		92		70-130	6		30
1,2-Dibromoethane	88		94		70-130	7		30
1,3-Dichloropropane	90		96		69-130	6		30
1,1,1,2-Tetrachloroethane	85		92		70-130	8		30
Bromobenzene	86		92		70-130	7		30
n-Butylbenzene	91		100		70-130	9		30
sec-Butylbenzene	91		99		70-130	8		30
tert-Butylbenzene	88		94		70-130	7		30
o-Chlorotoluene	91		98		70-130	7		30
p-Chlorotoluene	92		98		70-130	6		30
1,2-Dibromo-3-chloropropane	82		92		68-130	11		30
Hexachlorobutadiene	84		91		67-130	8		30
Isopropylbenzene	90		98		70-130	9		30
p-Isopropyltoluene	90		97		70-130	7		30
Naphthalene	90		95		70-130	5		30
Acrylonitrile	101		108		70-130	7		30
n-Propylbenzene	92		100		70-130	8		30
1,2,3-Trichlorobenzene	98		101		70-130	3		30
1,2,4-Trichlorobenzene	91		96		70-130	5		30
1,3,5-Trimethylbenzene	91		97		70-130	6		30
1,2,4-Trimethylbenzene	92		99		70-130	7		30
1,4-Dioxane	79		90		65-136	13		30
p-Diethylbenzene	88		96		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1932168-3 WG1932168-4								
p-Ethyltoluene	90		96		70-130	6		30
1,2,4,5-Tetramethylbenzene	89		96		70-130	8		30
Ethyl ether	86		91		67-130	6		30
trans-1,4-Dichloro-2-butene	104		112		70-130	7		30

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

SEMIVOLATILES

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-04
Client ID: SB-07 (2-3')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 13:35
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 12:47
Analyst: JG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	120	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-04
Client ID: SB-07 (2-3')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 13:35
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	51	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	20	J	ug/kg	210	20.	1
2-Methylnaphthalene	74	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-04
Client ID: SB-07 (2-3')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 13:35
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	48		18-120

Project Name: 312/316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-05
Client ID: SB-08 (12-14')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 12:05
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 12:24
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	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	20.	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	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	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

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-05
Client ID: SB-08 (12-14')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 12:05
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	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	24.	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	180	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	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	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

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-05
Client ID: SB-08 (12-14')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 12:05
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	60		18-120

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 11:23
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	130		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	69	J	ug/kg	100	20.	1
Benzo(a)pyrene	56	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	81	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	66	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	73	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	77	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	42	J	ug/kg	140	24.	1
Pyrene	100		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	54		18-120

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 02:56
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1931839-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
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	17.
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	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.

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 02:56
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1931839-1					
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	27.
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	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
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	61.

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 02:56
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/09/24 23:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1931839-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2431342

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1931839-2 WG1931839-3								
Acenaphthene	73		60		31-137	20		50
1,2,4-Trichlorobenzene	73		57		38-107	25		50
Hexachlorobenzene	75		61		40-140	21		50
Bis(2-chloroethyl)ether	84		65		40-140	26		50
2-Chloronaphthalene	73		58		40-140	23		50
1,2-Dichlorobenzene	72		57		40-140	23		50
1,3-Dichlorobenzene	71		55		40-140	25		50
1,4-Dichlorobenzene	71		56		28-104	24		50
3,3'-Dichlorobenzidine	67		58		40-140	14		50
2,4-Dinitrotoluene	86		68		40-132	23		50
2,6-Dinitrotoluene	87		68		40-140	25		50
Fluoranthene	80		63		40-140	24		50
4-Chlorophenyl phenyl ether	75		60		40-140	22		50
4-Bromophenyl phenyl ether	77		61		40-140	23		50
Bis(2-chloroisopropyl)ether	74		58		40-140	24		50
Bis(2-chloroethoxy)methane	86		68		40-117	23		50
Hexachlorobutadiene	70		55		40-140	24		50
Hexachlorocyclopentadiene	69		52		40-140	28		50
Hexachloroethane	78		59		40-140	28		50
Isophorone	87		69		40-140	23		50
Naphthalene	71		55		40-140	25		50
Nitrobenzene	88		68		40-140	26		50
NDPA/DPA	76		61		36-157	22		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave Phil

Project Number: 2242536

Lab Number: L2431342

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1931839-2 WG1931839-3								
n-Nitrosodi-n-propylamine	88		69		32-121	24		50
Bis(2-ethylhexyl)phthalate	75		60		40-140	22		50
Butyl benzyl phthalate	88		70		40-140	23		50
Di-n-butylphthalate	84		66		40-140	24		50
Di-n-octylphthalate	92		72		40-140	24		50
Diethyl phthalate	78		63		40-140	21		50
Dimethyl phthalate	78		61		40-140	24		50
Benzo(a)anthracene	78		62		40-140	23		50
Benzo(a)pyrene	79		62		40-140	24		50
Benzo(b)fluoranthene	76		62		40-140	20		50
Benzo(k)fluoranthene	78		60		40-140	26		50
Chrysene	78		62		40-140	23		50
Acenaphthylene	74		58		40-140	24		50
Anthracene	77		62		40-140	22		50
Benzo(ghi)perylene	73		60		40-140	20		50
Fluorene	73		60		40-140	20		50
Phenanthrene	73		59		40-140	21		50
Dibenzo(a,h)anthracene	73		59		40-140	21		50
Indeno(1,2,3-cd)pyrene	74		62		40-140	18		50
Pyrene	79		62		35-142	24		50
Biphenyl	63		50		37-127	23		50
4-Chloroaniline	80		66		40-140	19		50
2-Nitroaniline	91		70		47-134	26		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1931839-2 WG1931839-3								
3-Nitroaniline	76		65		26-129	16		50
4-Nitroaniline	84		66		41-125	24		50
Dibenzofuran	74		58		40-140	24		50
2-Methylnaphthalene	74		58		40-140	24		50
1,2,4,5-Tetrachlorobenzene	64		50		40-117	25		50
Acetophenone	73		57		14-144	25		50
2,4,6-Trichlorophenol	82		64		30-130	25		50
p-Chloro-m-cresol	88		69		26-103	24		50
2-Chlorophenol	84		67		25-102	23		50
2,4-Dichlorophenol	86		67		30-130	25		50
2,4-Dimethylphenol	97		78		30-130	22		50
2-Nitrophenol	97		76		30-130	24		50
4-Nitrophenol	108		85		11-114	24		50
2,4-Dinitrophenol	80		66		4-130	19		50
4,6-Dinitro-o-cresol	90		73		10-130	21		50
Pentachlorophenol	69		55		17-109	23		50
Phenol	85		66		26-90	25		50
2-Methylphenol	89		70		30-130	24		50
3-Methylphenol/4-Methylphenol	97		76		30-130	24		50
2,4,5-Trichlorophenol	83		64		30-130	26		50
Benzoic Acid	61		50		10-110	20		50
Benzyl Alcohol	90		71		40-140	24		50
Carbazole	75		61		54-128	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1931839-2 WG1931839-3								
1,4-Dioxane	59		45		40-140	27		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		70		25-120
Phenol-d6	84		69		10-120
Nitrobenzene-d5	84		68		23-120
2-Fluorobiphenyl	68		56		30-120
2,4,6-Tribromophenol	79		66		10-136
4-Terphenyl-d14	74		62		18-120

METALS

Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431342**Project Number:** 2242536**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431342-03

Date Collected: 06/05/24 14:10

Client ID: SB-03 (10-11')

Date Received: 06/05/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.54		mg/kg	0.832	0.173	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Barium, Total	24.4		mg/kg	0.832	0.145	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.832	0.082	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Chromium, Total	9.04		mg/kg	0.832	0.080	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Lead, Total	4.39		mg/kg	4.16	0.223	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/12/24 00:45	06/12/24 15:32	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.66	0.215	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	06/11/24 23:56	06/12/24 17:41	EPA 3050B	1,6010D	DHL



Project Name: 312/316/322 Warburton Ave Phil**Lab Number:** L2431342**Project Number:** 2242536**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431342-04

Date Collected: 06/05/24 13:35

Client ID: SB-07 (2-3')

Date Received: 06/05/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.98		mg/kg	1.03	0.215	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Barium, Total	15.3		mg/kg	1.03	0.180	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.532	J	mg/kg	1.03	0.101	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Chromium, Total	39.0		mg/kg	1.03	0.099	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Lead, Total	42.1		mg/kg	5.17	0.277	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.100	0.066	1	06/12/24 00:45	06/12/24 15:35	EPA 7471B	1,7471B	JWN
Selenium, Total	0.358	J	mg/kg	2.07	0.267	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.517	0.292	2	06/11/24 23:56	06/12/24 17:45	EPA 3050B	1,6010D	DHL



Project Name: 312/316/322 Warburton Ave Phil**Lab Number:** L2431342**Project Number:** 2242536**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431342-05

Date Collected: 06/05/24 12:05

Client ID: SB-08 (12-14')

Date Received: 06/05/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.74		mg/kg	0.919	0.191	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Barium, Total	49.2		mg/kg	0.919	0.160	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.919	0.090	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Chromium, Total	14.7		mg/kg	0.919	0.088	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Lead, Total	5.29		mg/kg	4.60	0.246	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.091	0.060	1	06/12/24 00:45	06/12/24 15:39	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.460	0.260	2	06/11/24 23:56	06/12/24 17:59	EPA 3050B	1,6010D	DHL



Project Name: 312/316/322 Warburton Ave PHII**Lab Number:** L2431342**Project Number:** 2242536**Report Date:** 06/13/24**SAMPLE RESULTS**

Lab ID: L2431342-06

Date Collected: 06/05/24 15:15

Client ID: SB-12 (2-4')

Date Received: 06/05/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.28		mg/kg	0.842	0.175	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Barium, Total	62.9		mg/kg	0.842	0.146	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.270	J	mg/kg	0.842	0.083	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Chromium, Total	17.4		mg/kg	0.842	0.081	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Lead, Total	396		mg/kg	4.21	0.226	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Mercury, Total	0.321		mg/kg	0.075	0.049	1	06/12/24 00:45	06/12/24 15:42	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.421	0.238	2	06/11/24 23:56	06/12/24 18:04	EPA 3050B	1,6010D	DHL



Project Name: 312/316/322 Warburton Ave PHII

Lab Number: L2431342

Project Number: 2242536

Report Date: 06/13/24

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): 03-06 Batch: WG1932727-1									
Arsenic, Total	ND	mg/kg	0.400	0.083	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Barium, Total	ND	mg/kg	0.400	0.070	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Cadmium, Total	ND	mg/kg	0.400	0.039	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Lead, Total	ND	mg/kg	2.00	0.107	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Selenium, Total	ND	mg/kg	0.800	0.103	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL
Silver, Total	ND	mg/kg	0.200	0.113	1	06/11/24 23:56	06/12/24 15:56	1,6010D	DHL

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 Batch: WG1932728-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	06/12/24 00:45	06/12/24 14:56	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06 Batch: WG1932727-2								
Arsenic, Total	88		-		80-120	-		
Barium, Total	96		-		80-120	-		
Cadmium, Total	86		-		80-120	-		
Chromium, Total	84		-		80-120	-		
Lead, Total	92		-		80-120	-		
Selenium, Total	91		-		80-120	-		
Silver, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 03-06 Batch: WG1932728-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

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): 03-06 QC Batch ID: WG1932727-3 QC Sample: L2430581-01 Client ID: MS Sample												
Arsenic, Total	11.1	10.1	17.9	67	Q	-	-		75-125	-		20
Barium, Total	35.4	168	174	82		-	-		75-125	-		20
Cadmium, Total	0.314J	4.46	3.93	88		-	-		75-125	-		20
Chromium, Total	11.1	16.8	25.6	86		-	-		75-125	-		20
Lead, Total	21.1	44.6	60.2	88		-	-		75-125	-		20
Selenium, Total	ND	10.1	9.14	90		-	-		75-125	-		20
Silver, Total	ND	4.21	3.15	75		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 03-06 QC Batch ID: WG1932728-3 QC Sample: L2431295-01 Client ID: MS Sample												
Mercury, Total	ND	1.72	1.78	103		-	-		80-120	-		20

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2431342
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-06 QC Batch ID: WG1932727-4 QC Sample: L2430581-01 Client ID: DUP Sample						
Arsenic, Total	11.1	7.86	mg/kg	34	Q	20
Total Metals - Mansfield Lab Associated sample(s): 03-06 QC Batch ID: WG1932728-4 QC Sample: L2431295-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS & MISCELLANEOUS

Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-01
Client ID: SB-01 (11-12')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 10:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	06/07/24 01:55	121,2540G	WJM



Project Name: 312/316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-02
Client ID: SB-02 (6-8')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 11:07
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	06/07/24 01:55	121,2540G	WJM



Project Name: 312/316/322 Warburton Ave PhII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-03
Client ID: SB-03 (10-11')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 14:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	06/07/24 10:23	121,2540G	ROI



Project Name: 312/316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-04
Client ID: SB-07 (2-3')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 13:35
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	06/07/24 10:23	121,2540G	ROI



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-05
Client ID: SB-08 (12-14')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 12:05
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/07/24 10:23	121,2540G	ROI



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2431342-06
Client ID: SB-12 (2-4')
Sample Location: YONKERS, NY

Date Collected: 06/05/24 15:15
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	06/07/24 01:55	121,2540G	WJM



Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2431342
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1930897-1 QC Sample: L2431154-03 Client ID: DUP Sample						
Solids, Total	83.2	82.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG1931035-1 QC Sample: L2428291-07 Client ID: DUP Sample						
Solids, Total	84.8	85.5	%	1		20

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Serial_No: 06132409:30
Lab Number: L2431342
Report Date: 06/13/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431342-01A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2431342-01B	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260HLW(14)
L2431342-01C	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260HLW(14)
L2431342-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2431342-02A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2431342-02B	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2431342-02C	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2431342-02D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2431342-03A	Glass 60ml unpreserved split	A	NA		2.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2431342-03B	Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		TS(7)
L2431342-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431342-04B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TS(7)
L2431342-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431342-05B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TS(7)
L2431342-06A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2431342-06B	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260HLW(14)
L2431342-06C	Vial water preserved	A	NA		2.8	Y	Absent	06-JUN-24 16:58	NYTCL-8260HLW(14)
L2431342-06D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2431342-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2431342-06F	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14)

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Serial_No: 06132409:30
Lab Number: L2431342
Report Date: 06/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: 312/316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- 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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 312/316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2431342
Report Date: 06/13/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 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 its 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.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 21

Department: **Quality Assurance**

Published Date: 04/17/2024

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, 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, SM4500NO2-B****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:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **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 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** 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 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, 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		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 6/6/24		ALPHA Job # 12481342	
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: 508-822-3268		Project Information Project Name: 312/316/322 warburton Ave Phase II Project Location: Yonkers, NY Project # 224 2536 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ EQuIS (1 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Client Information Client: LaBella Associates Address: 45 Main St. Suite 1018 Brooklyn, NY 11201 Phone: 516-225-0396 Fax: Email: cchu@labellapc.com		Project Manager: Cynthia Chu ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ AWW Standards ☐ NY Restricted Use ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles	
Other project specific requirements/comments:				Please specify Metals or TAL.		Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
31342-01		SB-01 (11-12')		6-5-24 10:20		S TBH		NTCL-8260	
02		SB-02 (6-8')		6-5-24 11:07		S TBH		NTCL-8270	
03		SB-03 (10-11')		6-5-24 14:10		S TBH		RCLA Metals	
04		SB-07 (2-3')		6-5-24 13:35		S TBH			
05		SB-08 (12-14')		6-5-24 12:05		S TBH			
06		SB-12 (2-4')		6-5-24 15:15		S TBH			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A A		Preservative A A A	
Relinquished By: Anthony Green		Date/Time: 6/5/24 1705		Received By: Anthony Green		Date/Time: 6/6/24 1705		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)		6/6/24 1910		6/6/24 0135		6/6/24 0345		06106124-0148	

0345 (M200 6/6)



ANALYTICAL REPORT

Lab Number:	L2437675
Client:	LaBella Associates 45 Main Street Brooklyn, NY 11201
ATTN:	Cynthia Chu
Phone:	(917) 280-6364
Project Name:	312-316/322 WARBURTON AVE PHII
Project Number:	2242536
Report Date:	07/17/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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



Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437675-01	SB-09 (0-2')	SOIL	YONKERS, NY	07/02/24 09:45	07/02/24
L2437675-02	SB-10 (0-2')	SOIL	YONKERS, NY	07/02/24 10:35	07/02/24
L2437675-03	SB-11 (0-2')	SOIL	YONKERS, NY	07/02/24 11:20	07/02/24
L2437675-04	SB-13 (0-2')	SOIL	YONKERS, NY	07/02/24 11:45	07/02/24
L2437675-05	SB-15 (0-2')	SOIL	YONKERS, NY	07/02/24 12:30	07/02/24
L2437675-06	SB-16 (0-2')	SOIL	YONKERS, NY	07/02/24 13:00	07/02/24
L2437675-07	SB-17 (0-2')	SOIL	YONKERS, NY	07/02/24 13:25	07/02/24
L2437675-08	SB-17 (2-4')	SOIL	YONKERS, NY	07/02/24 13:30	07/02/24
L2437675-09	SB-17 (6-8')	SOIL	YONKERS, NY	07/02/24 13:35	07/02/24
L2437675-10	SB-09 (2-4')	SOIL	YONKERS, NY	07/02/24 09:50	07/02/24

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Case Narrative (continued)

Report Submission

July 17, 2024: This final report includes the results of all requested analyses.

July 10, 2024: This is a preliminary report.

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

Total Metals

L2437675-01 through -06 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 07/17/24

ORGANICS

VOLATILES

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/08/24 11:19
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	111		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/08/24 11:45
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	99	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	113		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/08/24 12:11
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	113		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/08/24 12:37
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.19	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.41	1
Tetrachloroethene	ND		ug/kg	0.78	0.30	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.84	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.87	1
o-Xylene	ND		ug/kg	1.6	0.45	1
Xylenes, Total	ND		ug/kg	1.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.30	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.0	1
2-Butanone	ND		ug/kg	16	3.4	1
Vinyl acetate	ND		ug/kg	16	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/24 14:27
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	0.32	J	ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.52	1
Ethylbenzene	5.8		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	29		ug/kg	1.9	0.54	1
o-Xylene	11		ug/kg	0.97	0.28	1
Xylenes, Total	40		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.88	1
Acetone	ND		ug/kg	9.7	4.6	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.1	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	111		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-07
Client ID: SB-17 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:25
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/08/24 13:03
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	2.2		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-07
Client ID: SB-17 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:25
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-07
Client ID: SB-17 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:25
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	112		70-130

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-09
Client ID: SB-17 (6-8')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/24 13:37
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	0.84		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	0.30	J	ug/kg	0.44	0.15	1
Toluene	0.54	J	ug/kg	0.88	0.48	1
Ethylbenzene	0.52	J	ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-09
Client ID: SB-17 (6-8')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	2.2		ug/kg	1.8	0.50	1
o-Xylene	0.98		ug/kg	0.88	0.26	1
Xylenes, Total	3.2		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	20		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-09
Client ID: SB-17 (6-8')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/08/24 08:43
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,07 Batch: WG1944809-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.48	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/24 08:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,07 Batch: WG1944809-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/24 08:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,07 Batch: WG1944809-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/24 10:16
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1945033-5					
Methylene chloride	4.7	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.82	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/09/24 10:16
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1945033-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/24 10:16
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1945033-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1944809-3 WG1944809-4								
Methylene chloride	96		88		70-130	9		30
1,1-Dichloroethane	95		86		70-130	10		30
Chloroform	96		88		70-130	9		30
Carbon tetrachloride	100		89		70-130	12		30
1,2-Dichloropropane	91		83		70-130	9		30
Dibromochloromethane	95		91		70-130	4		30
1,1,2-Trichloroethane	91		87		70-130	4		30
Tetrachloroethene	106		95		70-130	11		30
Chlorobenzene	94		88		70-130	7		30
Trichlorofluoromethane	113		100		70-139	12		30
1,2-Dichloroethane	93		89		70-130	4		30
1,1,1-Trichloroethane	102		93		70-130	9		30
Bromodichloromethane	92		86		70-130	7		30
trans-1,3-Dichloropropene	93		88		70-130	6		30
cis-1,3-Dichloropropene	92		86		70-130	7		30
1,1-Dichloropropene	102		92		70-130	10		30
Bromoform	94		91		70-130	3		30
1,1,2,2-Tetrachloroethane	93		90		70-130	3		30
Benzene	94		86		70-130	9		30
Toluene	98		90		70-130	9		30
Ethylbenzene	94		87		70-130	8		30
Chloromethane	100		86		52-130	15		30
Bromomethane	128		113		57-147	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1944809-3 WG1944809-4								
Vinyl chloride	105		92		67-130	13		30
Chloroethane	108		95		50-151	13		30
1,1-Dichloroethene	98		88		65-135	11		30
trans-1,2-Dichloroethene	96		86		70-130	11		30
Trichloroethene	96		88		70-130	9		30
1,2-Dichlorobenzene	95		89		70-130	7		30
1,3-Dichlorobenzene	98		91		70-130	7		30
1,4-Dichlorobenzene	97		91		70-130	6		30
Methyl tert butyl ether	88		84		66-130	5		30
p/m-Xylene	96		89		70-130	8		30
o-Xylene	96		87		70-130	10		30
cis-1,2-Dichloroethene	92		84		70-130	9		30
Dibromomethane	91		86		70-130	6		30
Styrene	100		92		70-130	8		30
Dichlorodifluoromethane	96		85		30-146	12		30
Acetone	89		87		54-140	2		30
Carbon disulfide	95		84		59-130	12		30
2-Butanone	86		82		70-130	5		30
Vinyl acetate	116		108		70-130	7		30
4-Methyl-2-pentanone	88		90		70-130	2		30
1,2,3-Trichloropropane	91		89		68-130	2		30
2-Hexanone	88		89		70-130	1		30
Bromochloromethane	93		88		70-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1944809-3 WG1944809-4								
2,2-Dichloropropane	98		87		70-130	12		30
1,2-Dibromoethane	95		92		70-130	3		30
1,3-Dichloropropane	91		87		69-130	4		30
1,1,1,2-Tetrachloroethane	96		90		70-130	6		30
Bromobenzene	91		86		70-130	6		30
n-Butylbenzene	104		95		70-130	9		30
sec-Butylbenzene	99		89		70-130	11		30
tert-Butylbenzene	95		87		70-130	9		30
o-Chlorotoluene	95		88		70-130	8		30
p-Chlorotoluene	96		89		70-130	8		30
1,2-Dibromo-3-chloropropane	89		91		68-130	2		30
Hexachlorobutadiene	99		92		67-130	7		30
Isopropylbenzene	95		87		70-130	9		30
p-Isopropyltoluene	99		91		70-130	8		30
Naphthalene	91		87		70-130	4		30
Acrylonitrile	92		88		70-130	4		30
n-Propylbenzene	98		89		70-130	10		30
1,2,3-Trichlorobenzene	98		94		70-130	4		30
1,2,4-Trichlorobenzene	102		96		70-130	6		30
1,3,5-Trimethylbenzene	96		88		70-130	9		30
1,2,4-Trimethylbenzene	94		87		70-130	8		30
1,4-Dioxane	95		94		65-136	1		30
p-Diethylbenzene	102		93		70-130	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1944809-3 WG1944809-4								
p-Ethyltoluene	97		89		70-130	9		30
1,2,4,5-Tetramethylbenzene	97		89		70-130	9		30
Ethyl ether	92		87		67-130	6		30
trans-1,4-Dichloro-2-butene	94		92		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	104		106		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1945033-3 WG1945033-4								
Methylene chloride	77		82		70-130	6		30
1,1-Dichloroethane	88		99		70-130	12		30
Chloroform	93		101		70-130	8		30
Carbon tetrachloride	83		98		70-130	17		30
1,2-Dichloropropane	90		100		70-130	11		30
Dibromochloromethane	99		103		70-130	4		30
1,1,2-Trichloroethane	101		101		70-130	0		30
Tetrachloroethene	86		95		70-130	10		30
Chlorobenzene	87		95		70-130	9		30
Trichlorofluoromethane	80		92		70-139	14		30
1,2-Dichloroethane	97		104		70-130	7		30
1,1,1-Trichloroethane	86		100		70-130	15		30
Bromodichloromethane	93		103		70-130	10		30
trans-1,3-Dichloropropene	100		105		70-130	5		30
cis-1,3-Dichloropropene	92		100		70-130	8		30
1,1-Dichloropropene	81		94		70-130	15		30
Bromoform	96		97		70-130	1		30
1,1,2,2-Tetrachloroethane	92		103		70-130	11		30
Benzene	84		94		70-130	11		30
Toluene	84		92		70-130	9		30
Ethylbenzene	84		94		70-130	11		30
Chloromethane	83		92		52-130	10		30
Bromomethane	76		85		57-147	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312-316/322 WARBURTON AVE PHII

Project Number: 2242536

Lab Number: L2437675

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1945033-3 WG1945033-4								
Vinyl chloride	82		91		67-130	10		30
Chloroethane	86		94		50-151	9		30
1,1-Dichloroethene	79		89		65-135	12		30
trans-1,2-Dichloroethene	80		91		70-130	13		30
Trichloroethene	93		96		70-130	3		30
1,2-Dichlorobenzene	92		98		70-130	6		30
1,3-Dichlorobenzene	90		99		70-130	10		30
1,4-Dichlorobenzene	88		96		70-130	9		30
Methyl tert butyl ether	91		95		66-130	4		30
p/m-Xylene	86		95		70-130	10		30
o-Xylene	87		96		70-130	10		30
cis-1,2-Dichloroethene	81		92		70-130	13		30
Dibromomethane	98		103		70-130	5		30
Styrene	90		97		70-130	7		30
Dichlorodifluoromethane	69		75		30-146	8		30
Acetone	98		92		54-140	6		30
Carbon disulfide	75		85		59-130	13		30
2-Butanone	100		98		70-130	2		30
Vinyl acetate	68	Q	104		70-130	42	Q	30
4-Methyl-2-pentanone	94		92		70-130	2		30
1,2,3-Trichloropropane	101		103		68-130	2		30
2-Hexanone	95		92		70-130	3		30
Bromochloromethane	92		98		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII

Project Number: 2242536

Lab Number: L2437675

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1945033-3 WG1945033-4								
2,2-Dichloropropane	83		97		70-130	16		30
1,2-Dibromoethane	102		103		70-130	1		30
1,3-Dichloropropane	99		102		69-130	3		30
1,1,1,2-Tetrachloroethane	96		102		70-130	6		30
Bromobenzene	87		93		70-130	7		30
n-Butylbenzene	84		97		70-130	14		30
sec-Butylbenzene	81		94		70-130	15		30
tert-Butylbenzene	81		95		70-130	16		30
o-Chlorotoluene	84		95		70-130	12		30
p-Chlorotoluene	86		95		70-130	10		30
1,2-Dibromo-3-chloropropane	98		97		68-130	1		30
Hexachlorobutadiene	79		90		67-130	13		30
Isopropylbenzene	82		94		70-130	14		30
p-Isopropyltoluene	82		95		70-130	15		30
Naphthalene	87		90		70-130	3		30
Acrylonitrile	114		109		70-130	4		30
n-Propylbenzene	84		96		70-130	13		30
1,2,3-Trichlorobenzene	87		94		70-130	8		30
1,2,4-Trichlorobenzene	89		95		70-130	7		30
1,3,5-Trimethylbenzene	86		97		70-130	12		30
1,2,4-Trimethylbenzene	86		96		70-130	11		30
1,4-Dioxane	91		87		65-136	4		30
p-Diethylbenzene	82		94		70-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1945033-3 WG1945033-4								
p-Ethyltoluene	83		94		70-130	12		30
1,2,4,5-Tetramethylbenzene	82		93		70-130	13		30
Ethyl ether	93		95		67-130	2		30
trans-1,4-Dichloro-2-butene	108		110		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		110		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 07:40
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	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
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	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	400		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	ND		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	240		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

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	190		ug/kg	110	21.	1
Benzo(a)pyrene	220		ug/kg	150	46.	1
Benzo(b)fluoranthene	290		ug/kg	110	31.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1
Chrysene	220		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	42	J	ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	150	26.	1
Pyrene	340		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	ND		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	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	480	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

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	18	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	80		18-120

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 08:50
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	37	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	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
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	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	830		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	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	51	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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	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	66.	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	360		ug/kg	120	22.	1
Benzo(a)pyrene	360		ug/kg	150	47.	1
Benzo(b)fluoranthene	530		ug/kg	120	32.	1
Benzo(k)fluoranthene	180		ug/kg	120	31.	1
Chrysene	420		ug/kg	120	20.	1
Acenaphthylene	70	J	ug/kg	150	30.	1
Anthracene	130		ug/kg	120	38.	1
Benzo(ghi)perylene	290		ug/kg	150	23.	1
Fluorene	48	J	ug/kg	190	19.	1
Phenanthrene	480		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	150	27.	1
Pyrene	670		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	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	39	J	ug/kg	190	18.	1
2-Methylnaphthalene	70	J	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	36.	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	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	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

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	62	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	74		18-120

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 08:04
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	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
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	380		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	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	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	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	200		ug/kg	120	22.	1
Benzo(a)pyrene	240		ug/kg	160	49.	1
Benzo(b)fluoranthene	360		ug/kg	120	34.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	230		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	48	J	ug/kg	120	39.	1
Benzo(ghi)perylene	210		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	140		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	160	28.	1
Pyrene	320		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	21	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	71		18-120

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 08:27
Analyst: SZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	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
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	420		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	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

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	210		ug/kg	110	20.	1
Benzo(a)pyrene	250		ug/kg	140	44.	1
Benzo(b)fluoranthene	340		ug/kg	110	30.	1
Benzo(k)fluoranthene	330		ug/kg	110	28.	1
Chrysene	230		ug/kg	110	18.	1
Acenaphthylene	38	J	ug/kg	140	28.	1
Anthracene	71	J	ug/kg	110	35.	1
Benzo(ghi)perylene	210		ug/kg	140	21.	1
Fluorene	22	J	ug/kg	180	17.	1
Phenanthrene	240		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	48	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	140	25.	1
Pyrene	370		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	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	26.	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	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	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

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	32	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	73		18-120

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-05
Client ID: SB-15 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 12:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 06:53
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	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
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	520		ug/kg	130	25.	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	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	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	75.	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-05
Client ID: SB-15 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 12:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	240		ug/kg	130	25.	1
Benzo(a)pyrene	250		ug/kg	180	54.	1
Benzo(b)fluoranthene	310		ug/kg	130	37.	1
Benzo(k)fluoranthene	110	J	ug/kg	130	35.	1
Chrysene	250		ug/kg	130	23.	1
Acenaphthylene	35	J	ug/kg	180	34.	1
Anthracene	100	J	ug/kg	130	43.	1
Benzo(ghi)perylene	160	J	ug/kg	180	26.	1
Fluorene	36	J	ug/kg	220	22.	1
Phenanthrene	390		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	41	J	ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	150	J	ug/kg	180	31.	1
Pyrene	460		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	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	22	J	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	27.	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	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	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	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-05
Client ID: SB-15 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 12:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	42	J	ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	57		18-120

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 07:17
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	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
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	31.	1
Fluoranthene	95	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	45	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	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

Project Name: 312-316/322 WARBURTON AVE PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-06
 Client ID: SB-16 (0-2')
 Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
 Date Received: 07/02/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	63	J	ug/kg	110	20.	1
Benzo(a)pyrene	80	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	100	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	35	J	ug/kg	110	28.	1
Chrysene	69	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	63	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	40	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	140	25.	1
Pyrene	98	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	36	J	ug/kg	210	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	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	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

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	49		18-120

Project Name: 312-316/322 Warburton Ave Phil
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-08
Client ID: SB-17 (2-4')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 04:10
Analyst: SZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	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
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	76	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	500	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	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-08
Client ID: SB-17 (2-4')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	42	J	ug/kg	110	20.	1
Benzo(a)pyrene	46	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	60	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	48	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	37	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	43	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	140	25.	1
Pyrene	70	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	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	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	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	250	28.	1

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-08
Client ID: SB-17 (2-4')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	57		18-120

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/24 01:03
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG1944756-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
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	98	19.
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	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	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	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.

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/24 01:03
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG1944756-1					
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	27.
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	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
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	61.

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/24 01:03
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/09/24 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG1944756-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 Warburton Ave PHII

Project Number: 2242536

Lab Number: L2437675

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG1944756-2 WG1944756-3								
Acenaphthene	78		90		31-137	14		50
1,2,4-Trichlorobenzene	80		95		38-107	17		50
Hexachlorobenzene	77		87		40-140	12		50
Bis(2-chloroethyl)ether	78		92		40-140	16		50
2-Chloronaphthalene	82		96		40-140	16		50
1,2-Dichlorobenzene	74		89		40-140	18		50
1,3-Dichlorobenzene	75		86		40-140	14		50
1,4-Dichlorobenzene	74		88		28-104	17		50
3,3'-Dichlorobenzidine	67		81		40-140	19		50
2,4-Dinitrotoluene	96		107		40-132	11		50
2,6-Dinitrotoluene	101		114		40-140	12		50
Fluoranthene	87		99		40-140	13		50
4-Chlorophenyl phenyl ether	79		92		40-140	15		50
4-Bromophenyl phenyl ether	82		94		40-140	14		50
Bis(2-chloroisopropyl)ether	72		89		40-140	21		50
Bis(2-chloroethoxy)methane	83		98		40-117	17		50
Hexachlorobutadiene	78		91		40-140	15		50
Hexachlorocyclopentadiene	100		121		40-140	19		50
Hexachloroethane	73		88		40-140	19		50
Isophorone	79		92		40-140	15		50
Naphthalene	79		92		40-140	15		50
Nitrobenzene	78		95		40-140	20		50
NDPA/DPA	84		96		36-157	13		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG1944756-2 WG1944756-3								
n-Nitrosodi-n-propylamine	77		89		32-121	14		50
Bis(2-ethylhexyl)phthalate	85		98		40-140	14		50
Butyl benzyl phthalate	98		114		40-140	15		50
Di-n-butylphthalate	82		94		40-140	14		50
Di-n-octylphthalate	88		102		40-140	15		50
Diethyl phthalate	76		87		40-140	13		50
Dimethyl phthalate	85		95		40-140	11		50
Benzo(a)anthracene	82		93		40-140	13		50
Benzo(a)pyrene	86		98		40-140	13		50
Benzo(b)fluoranthene	86		96		40-140	11		50
Benzo(k)fluoranthene	84		94		40-140	11		50
Chrysene	84		95		40-140	12		50
Acenaphthylene	80		91		40-140	13		50
Anthracene	84		99		40-140	16		50
Benzo(ghi)perylene	86		98		40-140	13		50
Fluorene	79		93		40-140	16		50
Phenanthrene	82		94		40-140	14		50
Dibenzo(a,h)anthracene	86		100		40-140	15		50
Indeno(1,2,3-cd)pyrene	89		100		40-140	12		50
Pyrene	89		100		35-142	12		50
Biphenyl	84		98		37-127	15		50
4-Chloroaniline	64		75		40-140	16		50
2-Nitroaniline	103		117		47-134	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG1944756-2 WG1944756-3								
3-Nitroaniline	80		91		26-129	13		50
4-Nitroaniline	85		98		41-125	14		50
Dibenzofuran	77		90		40-140	16		50
2-Methylnaphthalene	86		98		40-140	13		50
1,2,4,5-Tetrachlorobenzene	85		97		40-117	13		50
Acetophenone	84		98		14-144	15		50
2,4,6-Trichlorophenol	93		105		30-130	12		50
p-Chloro-m-cresol	85		99		26-103	15		50
2-Chlorophenol	84		100		25-102	17		50
2,4-Dichlorophenol	88		104		30-130	17		50
2,4-Dimethylphenol	95		114		30-130	18		50
2-Nitrophenol	99		116		30-130	16		50
4-Nitrophenol	92		102		11-114	10		50
2,4-Dinitrophenol	83		104		4-130	22		50
4,6-Dinitro-o-cresol	105		122		10-130	15		50
Pentachlorophenol	74		85		17-109	14		50
Phenol	84		97	Q	26-90	14		50
2-Methylphenol	86		103		30-130.	18		50
3-Methylphenol/4-Methylphenol	88		105		30-130	18		50
2,4,5-Trichlorophenol	94		106		30-130	12		50
Benzoic Acid	51		67		10-110	27		50
Benzyl Alcohol	79		93		40-140	16		50
Carbazole	88		100		54-128	13		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 312-316/322 WARBURTON AVE PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG1944756-2 WG1944756-3								
1,4-Dioxane	61		72		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		98		25-120
Phenol-d6	81		95		10-120
Nitrobenzene-d5	77		90		23-120
2-Fluorobiphenyl	80		90		30-120
2,4,6-Tribromophenol	70		82		10-136
4-Terphenyl-d14	83		94		18-120

METALS

Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-01

Date Collected: 07/02/24 09:45

Client ID: SB-09 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

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	10000		mg/kg	8.87	2.40	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.44	0.337	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.12		mg/kg	0.887	0.184	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Barium, Total	97.4		mg/kg	0.887	0.154	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.372	J	mg/kg	0.444	0.029	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.226	J	mg/kg	0.887	0.087	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Calcium, Total	4950		mg/kg	8.87	3.10	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Chromium, Total	22.0		mg/kg	0.887	0.085	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.98		mg/kg	1.77	0.147	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Copper, Total	31.2		mg/kg	0.887	0.229	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Iron, Total	15400		mg/kg	4.44	0.801	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Lead, Total	265		mg/kg	4.44	0.238	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Magnesium, Total	3920		mg/kg	8.87	1.37	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Manganese, Total	332		mg/kg	0.887	0.141	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.073	0.048	1	07/11/24 09:10	07/16/24 23:43	EPA 7471B	1,7471B	DJR
Nickel, Total	17.4		mg/kg	2.22	0.215	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Potassium, Total	841		mg/kg	222	12.8	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.77	0.229	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.444	0.251	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Sodium, Total	67.4	J	mg/kg	177	2.80	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.77	0.280	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Vanadium, Total	28.0		mg/kg	0.887	0.180	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM
Zinc, Total	114		mg/kg	4.44	0.260	2	07/11/24 09:45	07/13/24 21:45	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-02

Date Collected: 07/02/24 10:35

Client ID: SB-10 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8970		mg/kg	9.04	2.44	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Antimony, Total	0.512	J	mg/kg	4.52	0.344	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Arsenic, Total	5.83		mg/kg	0.904	0.188	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Barium, Total	100		mg/kg	0.904	0.157	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.345	J	mg/kg	0.452	0.030	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.369	J	mg/kg	0.904	0.089	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Calcium, Total	8940		mg/kg	9.04	3.16	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Chromium, Total	23.6		mg/kg	0.904	0.087	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.75		mg/kg	1.81	0.150	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Copper, Total	33.6		mg/kg	0.904	0.233	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Iron, Total	20400		mg/kg	4.52	0.816	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Lead, Total	425		mg/kg	4.52	0.242	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Magnesium, Total	3810		mg/kg	9.04	1.39	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Manganese, Total	293		mg/kg	0.904	0.144	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Mercury, Total	0.162		mg/kg	0.075	0.049	1	07/11/24 09:10	07/16/24 23:47	EPA 7471B	1,7471B	DJR
Nickel, Total	15.6		mg/kg	2.26	0.219	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Potassium, Total	853		mg/kg	226	13.0	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Selenium, Total	0.460	J	mg/kg	1.81	0.233	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.452	0.256	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Sodium, Total	78.2	J	mg/kg	181	2.85	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.81	0.285	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Vanadium, Total	27.1		mg/kg	0.904	0.184	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM
Zinc, Total	150		mg/kg	4.52	0.265	2	07/11/24 09:45	07/13/24 21:52	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-03

Date Collected: 07/02/24 11:20

Client ID: SB-11 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

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	7440		mg/kg	9.25	2.50	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Antimony, Total	0.407	J	mg/kg	4.63	0.352	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.82		mg/kg	0.925	0.192	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Barium, Total	76.2		mg/kg	0.925	0.161	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.280	J	mg/kg	0.463	0.031	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.236	J	mg/kg	0.925	0.091	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Calcium, Total	32100		mg/kg	9.25	3.24	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Chromium, Total	17.6		mg/kg	0.925	0.089	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.72		mg/kg	1.85	0.154	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Copper, Total	35.8		mg/kg	0.925	0.239	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Iron, Total	12200		mg/kg	4.63	0.836	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Lead, Total	102		mg/kg	4.63	0.248	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Magnesium, Total	4510		mg/kg	9.25	1.42	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Manganese, Total	278		mg/kg	0.925	0.147	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.077	0.050	1	07/11/24 09:10	07/16/24 23:50	EPA 7471B	1,7471B	DJR
Nickel, Total	11.7		mg/kg	2.31	0.224	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Potassium, Total	1100		mg/kg	231	13.3	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Selenium, Total	0.290	J	mg/kg	1.85	0.239	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.463	0.262	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Sodium, Total	138	J	mg/kg	185	2.91	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.85	0.291	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Vanadium, Total	22.1		mg/kg	0.925	0.188	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM
Zinc, Total	110		mg/kg	4.63	0.271	2	07/11/24 09:45	07/13/24 21:58	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-04

Date Collected: 07/02/24 11:45

Client ID: SB-13 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9160		mg/kg	8.31	2.24	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.15	0.316	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.84		mg/kg	0.831	0.173	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Barium, Total	79.3		mg/kg	0.831	0.144	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.349	J	mg/kg	0.415	0.027	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.250	J	mg/kg	0.831	0.081	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Calcium, Total	4420		mg/kg	8.31	2.91	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Chromium, Total	18.6		mg/kg	0.831	0.080	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Cobalt, Total	5.94		mg/kg	1.66	0.138	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Copper, Total	27.7		mg/kg	0.831	0.214	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Iron, Total	13800		mg/kg	4.15	0.750	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Lead, Total	252		mg/kg	4.15	0.223	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Magnesium, Total	3330		mg/kg	8.31	1.28	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Manganese, Total	328		mg/kg	0.831	0.132	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.069	0.045	1	07/11/24 09:10	07/16/24 23:53	EPA 7471B	1,7471B	DJR
Nickel, Total	12.4		mg/kg	2.08	0.201	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Potassium, Total	698		mg/kg	208	12.0	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.66	0.214	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.415	0.235	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Sodium, Total	80.9	J	mg/kg	166	2.62	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.66	0.262	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Vanadium, Total	23.7		mg/kg	0.831	0.169	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM
Zinc, Total	128		mg/kg	4.15	0.243	2	07/11/24 09:45	07/13/24 22:05	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-05

Date Collected: 07/02/24 12:30

Client ID: SB-15 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	10.7	2.89	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Antimony, Total	0.484	J	mg/kg	5.35	0.406	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.95		mg/kg	1.07	0.222	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Barium, Total	167		mg/kg	1.07	0.186	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.417	J	mg/kg	0.535	0.035	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.316	J	mg/kg	1.07	0.105	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Calcium, Total	9970		mg/kg	10.7	3.74	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Chromium, Total	24.8		mg/kg	1.07	0.103	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.17		mg/kg	2.14	0.178	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Copper, Total	37.7		mg/kg	1.07	0.276	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Iron, Total	16800		mg/kg	5.35	0.966	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Lead, Total	534		mg/kg	5.35	0.287	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Magnesium, Total	5490		mg/kg	10.7	1.65	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Manganese, Total	334		mg/kg	1.07	0.170	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.086	0.056	1	07/11/24 09:10	07/16/24 23:56	EPA 7471B	1,7471B	DJR
Nickel, Total	16.7		mg/kg	2.67	0.259	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Potassium, Total	881		mg/kg	267	15.4	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Selenium, Total	0.303	J	mg/kg	2.14	0.276	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.535	0.303	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Sodium, Total	75.6	J	mg/kg	214	3.37	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	2.14	0.337	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Vanadium, Total	33.0		mg/kg	1.07	0.217	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM
Zinc, Total	177		mg/kg	5.35	0.313	2	07/11/24 09:45	07/13/24 22:12	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-06

Date Collected: 07/02/24 13:00

Client ID: SB-16 (0-2')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

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	4000		mg/kg	8.56	2.31	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Antimony, Total	1.12	J	mg/kg	4.28	0.325	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.09		mg/kg	0.856	0.178	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Barium, Total	68.9		mg/kg	0.856	0.149	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.157	J	mg/kg	0.428	0.028	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.832	J	mg/kg	0.856	0.084	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Calcium, Total	6040		mg/kg	8.56	3.00	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Chromium, Total	11.3		mg/kg	0.856	0.082	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Cobalt, Total	2.96		mg/kg	1.71	0.142	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Copper, Total	26.6		mg/kg	0.856	0.221	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Iron, Total	12900		mg/kg	4.28	0.773	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Lead, Total	197		mg/kg	4.28	0.229	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Magnesium, Total	2730		mg/kg	8.56	1.32	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Manganese, Total	173		mg/kg	0.856	0.136	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.069	0.045	1	07/11/24 09:10	07/17/24 00:00	EPA 7471B	1,7471B	DJR
Nickel, Total	9.49		mg/kg	2.14	0.207	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Potassium, Total	322		mg/kg	214	12.3	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.71	0.221	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.428	0.242	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Sodium, Total	115	J	mg/kg	171	2.70	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.71	0.270	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Vanadium, Total	13.7		mg/kg	0.856	0.174	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM
Zinc, Total	120		mg/kg	4.28	0.251	2	07/11/24 09:45	07/13/24 23:22	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**SAMPLE RESULTS**

Lab ID: L2437675-08

Date Collected: 07/02/24 13:30

Client ID: SB-17 (2-4')

Date Received: 07/02/24

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8010		mg/kg	8.13	2.19	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Antimony, Total	0.578	J	mg/kg	4.06	0.309	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Arsenic, Total	7.08		mg/kg	0.813	0.169	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Barium, Total	186		mg/kg	0.813	0.141	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.310	J	mg/kg	0.406	0.027	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.626	J	mg/kg	0.813	0.080	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Calcium, Total	26200		mg/kg	8.13	2.84	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Chromium, Total	17.1		mg/kg	0.813	0.078	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.53		mg/kg	1.62	0.135	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Copper, Total	30.3		mg/kg	0.813	0.210	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Iron, Total	12600		mg/kg	4.06	0.734	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Lead, Total	1080		mg/kg	4.06	0.218	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Magnesium, Total	2420		mg/kg	8.13	1.25	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Manganese, Total	333		mg/kg	0.813	0.129	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Mercury, Total	0.245		mg/kg	0.068	0.044	1	07/11/24 11:00	07/17/24 12:12	EPA 7471B	1,7471B	JWN
Nickel, Total	12.3		mg/kg	2.03	0.197	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Potassium, Total	461		mg/kg	203	11.7	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Selenium, Total	0.397	J	mg/kg	1.62	0.210	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.406	0.230	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Sodium, Total	251		mg/kg	162	2.56	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.62	0.256	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Vanadium, Total	23.2		mg/kg	0.813	0.165	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM
Zinc, Total	249		mg/kg	4.06	0.238	2	07/11/24 09:45	07/13/24 23:28	EPA 3050B	1,6010D	MAM



Project Name: 312-316/322 WARBURTON AVE PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

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): 01-06 Batch: WG1945623-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/11/24 09:10	07/12/24 20:48	1,7471B	SMV

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): 08 Batch: WG1945628-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/11/24 11:00	07/12/24 08:20	1,7471B	SMV

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): 01-06,08 Batch: WG1945629-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Iron, Total	1.53	J	mg/kg	2.00	0.361	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Manganese, Total	0.176	J	mg/kg	0.400	0.064	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM



Project Name: 312-316/322 Warburton Ave PHII

Lab Number: L2437675

Project Number: 2242536

Report Date: 07/17/24

Method Blank Analysis Batch Quality Control

Potassium, Total	ND		mg/kg	100	5.76	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Sodium, Total	1.68	J	mg/kg	80.0	1.26	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/11/24 09:45	07/13/24 20:16	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 312-316/322 WARBURTON AVE PHII**Project Number:** 2242536**Lab Number:** L2437675**Report Date:** 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1945623-2								
Mercury, Total	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 08 Batch: WG1945628-2								
Mercury, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG1945629-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	102	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	101	-	80-120	-	
Calcium, Total	106	-	80-120	-	
Chromium, Total	103	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	108	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	103	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	100	-	80-120	-	
Silver, Total	105	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 312-316/322 WARBURTON AVE PHII**Project Number:** 2242536**Lab Number:** L2437675**Report Date:** 07/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG1945629-2					
Zinc, Total	100	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

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): 01-06 QC Batch ID: WG1945623-3 QC Sample: L2438218-03 Client ID: MS Sample												
Mercury, Total	0.117	1.4	1.51	100		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1945628-3 QC Sample: L2437568-01 Client ID: MS Sample												
Mercury, Total	0.058J	1.51	1.58	105		-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

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): 01-06,08 QC Batch ID: WG1945629-3 QC Sample: L2438244-36 Client ID: MS Sample									
Aluminum, Total	6890	171	9910	1760	Q	-	75-125	-	20
Antimony, Total	0.768J	42.9	31.5	73	Q	-	75-125	-	20
Arsenic, Total	3.68	10.3	13.0	90		-	75-125	-	20
Barium, Total	58.4	171	224	96		-	75-125	-	20
Beryllium, Total	1.02	4.29	5.18	97		-	75-125	-	20
Cadmium, Total	ND	4.54	2.99	66	Q	-	75-125	-	20
Calcium, Total	84600	857	82200	0	Q	-	75-125	-	20
Chromium, Total	3.50	17.1	18.4	87		-	75-125	-	20
Cobalt, Total	2.38	42.9	32.3	70	Q	-	75-125	-	20
Copper, Total	22.9	21.4	45.7	106		-	75-125	-	20
Iron, Total	8770	85.7	9120	408	Q	-	75-125	-	20
Lead, Total	14.5	45.4	48.5	75		-	75-125	-	20
Magnesium, Total	35500	857	32200	0	Q	-	75-125	-	20
Manganese, Total	427	42.9	541	266	Q	-	75-125	-	20
Nickel, Total	4.63	42.9	33.5	67	Q	-	75-125	-	20
Potassium, Total	1860	857	3370	176	Q	-	75-125	-	20
Selenium, Total	0.708J	10.3	8.54	83		-	75-125	-	20
Silver, Total	ND	4.29	3.98	93		-	75-125	-	20
Sodium, Total	300	857	1160	100		-	75-125	-	20
Thallium, Total	ND	10.3	5.41	52	Q	-	75-125	-	20
Vanadium, Total	11.1	42.9	50.6	92		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 312-316/322 Warburton Ave PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

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): 01-06,08 QC Batch ID: WG1945629-3 QC Sample: L2438244-36 Client ID: MS Sample									
Zinc, Total	46.5	42.9	70.2	55	Q	-	75-125	-	20

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2437675
Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1945623-4 QC Sample: L2438218-03 Client ID: DUP Sample						
Mercury, Total	0.117	0.209	mg/kg	56	Q	20
Total Metals - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1945628-4 QC Sample: L2437568-01 Client ID: DUP Sample						
Mercury, Total	0.058J	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-06,08 QC Batch ID: WG1945629-4 QC Sample: L2438244-36 Client ID: DUP Sample						
Arsenic, Total	3.68	4.13	mg/kg	12		20
Lead, Total	14.5	14.0	mg/kg	4		20

INORGANICS & MISCELLANEOUS

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-01
Client ID: SB-09 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 09:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-02
Client ID: SB-10 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 10:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-03
Client ID: SB-11 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:20
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-04
Client ID: SB-13 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 11:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-05
Client ID: SB-15 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 12:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-06
Client ID: SB-16 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:00
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-07
Client ID: SB-17 (0-2')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:25
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-08
Client ID: SB-17 (2-4')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:30
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Lab Number: L2437675
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2437675-09
Client ID: SB-17 (6-8')
Sample Location: YONKERS, NY

Date Collected: 07/02/24 13:35
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	07/03/24 11:06	121,2540G	ROI



Project Name: 312-316/322 Warburton Ave PHII**Project Number:** 2242536**Lab Duplicate Analysis***Batch Quality Control***Lab Number:** L2437675**Report Date:** 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1942758-1 QC Sample: L2437333-17 Client ID: DUP Sample						
Solids, Total	85.3	86.5	%	1		20

Project Name: 312-316/322 WARBURTON AVE PHII
Project Number: 2242536

Serial_No:07172417:37
Lab Number: L2437675
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437675-01A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-01B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-01C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-01D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-01E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2437675-01F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2437675-02A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-02B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-02C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-02D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-02E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2437675-02F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2437675-03A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-03B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-03C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-03D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)

Project Name: 312-316/322 WARBURTON AVE PHII
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437675-03E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2437675-03F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2437675-04A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-04B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-04C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-04D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-04E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2437675-04F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2437675-05A	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2437675-05B	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2437675-06A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-06B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-06C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-06D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-06E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2437675-06F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2437675-07A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-07B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-07C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)

Project Name: 312-316/322 WARBURTON AVE PHII**Lab Number:** L2437675**Project Number:** 2242536**Report Date:** 07/17/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437675-07D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-08A	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2437675-08B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2437675-09A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2437675-09B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-09C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	NYTCL-8260HLW(14)
L2437675-09D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2437675-10A	Vial MeOH preserved	A	NA		2.9	Y	Absent		HOLD-8260HLW(14)
L2437675-10B	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	HOLD-8260HLW(14)
L2437675-10C	Vial water preserved	A	NA		2.9	Y	Absent	03-JUL-24 09:29	HOLD-8260HLW(14)
L2437675-10D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		HOLD-WETCHEM()
L2437675-10E	Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		HOLD-METAL(180)
L2437675-10F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		HOLD-8270(14)

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GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- 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

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- 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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Lab Number: L2437675
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 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 its 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 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, 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, SM4500NO2-B

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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **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 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

ALPHA Job #
L2437675

Relinquished By:	Date/Time	Received By:	Date/Time
WIFI (Pace)	7/2/24 1908	WIFI (Pace)	7/2/24 170
	7/4/24		7/4/24 19:12
	7/3 040		7/2 2000
			7/3 0040

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.)