



HALEY & ALDRICH OF NEW YORK
237 W 35th Street
16th Floor
New York, NY 10123
646-277-5686

21 July 2023
File No. 0208731

Via Electronic Mail

Walworth Project LLC
Brooklyn, NY

Attention: Mr. Hershel Guttman

RE: Limited Phase II Environmental Site Investigation Summary
103 Walworth Street
Brooklyn, New York 11205

Dear Mr. Guttman:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to Walworth Project LLC summarize the results of the Limited Phase II Environmental Site Investigation (ESI) completed at the property located at 103 Walworth Street, Brooklyn, New York (the "Site") on 22 June 2023 and 23 June 2023.

SITE LOCATION AND CURRENT USE

The Site, identified as Block 1736, Lot 54 on the City of New York tax map, is approximately 7,506 square feet (sf) in size and located in a manufacturing zoning district (M1-1). The Site is improved with a vacant two-story commercial warehouse building. The area surrounding the Site consists of commercial, residential and light industrial use. The Site is bound by a vacant alleyway followed by warehouse building to the north, a warehouse building to the south, a warehouse building and undeveloped lot to the east, and Walworth Street followed by multi-family residential buildings to the west.

SITE HISTORY

Beginning in the early 1900s, the Site was marked as undeveloped. In the late 1910s, the Site was developed with a 2-story garage and residence. By the mid-1930s, the Site was occupied by an almond paste manufacturer. By the mid 1960's the eastern boundary of the structure on the Site was connected to a 1-2 story building with frontage on Sandford Street located to the east. Operations were still noted as an almond paste factory at that time. The Site is currently vacant.

SUBSURFACE INVESTIGATION

On 22 June 2023, Haley & Aldrich mobilized to the Site with Lakewood Environmental Services, Corp. (Lakewood) to conduct the Limited Phase II ESI. Six soil borings and two sub-slab soil vapor points were installed via direct-push drilling methods utilizing a Geoprobe® drill rig.

A Haley & Aldrich field engineer was on-site to document field observations and to collect soil and soil

vapor samples. Boring locations were selected to assess the impacts and to characterize subsurface conditions at the Site. The six soil borings were installed throughout accessible regions of the Site. Two borings were installed on the first floor to a depth of 8 feet below grade (ft bgs) and four borings installed in the cellar (cellar slab approximately 10 ft below sidewalk grade) to depths between 4 to 6 ft bgs (approximately 14 to 16 ft below sidewalk grade). The two sub-slab soil vapor points (SV01 & SV02) were installed beneath the slab at approximately 8 inches below the cellar slab. Sample locations are provided in Figure 1.

The stratigraphy of the Site consists of brown to dark brown sand with varying amounts of silt and gravel with trace brick and slag observed from 0 to 8 ft below sidewalk grade. Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination, such as staining and odors. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID). Visual and olfactory impacts were not observed and PID readings were not observed above non-detect at 0.0 parts per million (ppm). Soil boring logs are included as Attachment A.

Two soil samples were collected from each of the six soil borings (B01, B02, B03, B04, B05, B06). Soil sampling was biased towards intervals exhibiting subsurface impacts or evidence of contaminated fill. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals.

Two soil vapor samples were collected over a 2-hour period into 2.7-liter stainless-steel SUMMA canisters supplied by the laboratory and analyzed for VOCs.

Groundwater was not encountered during this investigation; however, based on available data from adjacent properties, the depth to groundwater at the Site is anticipated to be approximately 30 ft bgs.

ANALYTICAL RESULTS

All samples were collected into laboratory provided containers, placed on ice in coolers, and shipped under proper chain of custody protocol by courier to Alpha Analytical, Inc. of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Full analytical results for soil and soil vapor samples are provided in Tables 1 and 2, respectively and exceedances of applicable criteria is shown in Figures 2 and 3, respectively. Laboratory analytical reports are provided in Attachment B.

Soil

Soil analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Residential Use Soil Cleanup Objectives (RRSCOs) and Commercial Use Soil Cleanup Objectives (CSCOs).

Five SVOCs were identified in soil sample B-01_0-2 (collected from 0-2 ft bgs) above RRSCOs and CSCOs, including benzo(a)anthracene (14 milligrams/kilogram [mg/kg]), benzo(a)pyrene (13 mg/kg), benzo(b)fluoranthene (14 mg/kg), didbenz(a,h)anthracene (1.5 mg/kg) and indeno(1,2,3-cd)pyrene (5.8 mg/kg). No other SVOCs were detected above the RRSCOs or CSCOs in soil samples analyzed.

Three metals were detected above the RRSCOs and CSCOs in the soil samples analyzed, including arsenic in B02_0-2 at a concentration of 23.5 mg/kg; barium in B04_0-2 at a concentration of 581 mg/kg and

mercury in B01_6-8 at a concentration of 4.14 mg/kg. Lead concentrations were detected above the RRSCO, but below the CSCO in three soil samples (maximum concentration 716 mg/kg in B02_0-2).

VOCs were not detected above the RRSCOs or CSCOs in soil samples analyzed.

Soil Vapor

No standard currently exists for soil vapor samples in New York State. Total VOC concentrations ranged from 2,376 $\mu\text{g}/\text{m}^3$ (SV02) to 3,655 $\mu\text{g}/\text{m}^3$ (SV01). M,p-xylene (maximum concentration 351 $\mu\text{g}/\text{m}^3$), o-xylene (maximum concentration 87.7 $\mu\text{g}/\text{m}^3$) were detected above laboratory detection limits in both SV01 and SV02. Benzene (2.66 $\mu\text{g}/\text{m}^3$) and Ethylbenzene (89 $\mu\text{g}/\text{m}^3$) were detected above laboratory detection limits in SV01.

Three chlorinated volatile organic compounds (CVOCs), including cis-1,2-dichloroethene (maximum concentration 24.2 $\mu\text{g}/\text{m}^3$ in SV01); tetrachloroethene (PCE) (maximum concentration 2,140 $\mu\text{g}/\text{m}^3$ in SV02); and, trichloroethene (TCE) (maximum concentration 67.2 $\mu\text{g}/\text{m}^3$ in SV02), were detected above laboratory detection limits in both soil vapor samples. Of note, PCE was also detected above laboratory detection limits in soil samples throughout the Site.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical data identified contaminated fill extending to at least 8 ft bgs. Contaminants of concern identified in soil as a result of this investigation include heavy metals and SVOCs (specifically polyaromatic hydrocarbons [PAHs]) from the surface to a depth of 8 ft bgs (maximum depth observed). Elevated CVOCs were detected in soil vapor and PCE was detected above laboratory detection limits in multiple soil samples, at depth intervals ranging from 0 to 2 ft bgs to 6 to 8 ft bgs, throughout the Site. Further investigation would be necessary to better understand and/or identify the source of the contamination at the Site.

Should you have any questions regarding the findings or recommendations, please do not hesitate to contact us.

Sincerely,
HALEY & ALDRICH OF NEW YORK



Mari Cate Conlon
Associate



Elizabeth Scheuerman
Project Manager

Enclosures:

Table 1 – Soil Analytical Results
Table 2 – Soil Vapor Analytical Results
Figure 1 – Sample Location Map
Figure 2 – Map of Soil Chemistry
Figure 3 – Map of Soil Vapor Chemistry
Attachment A – Soil Boring Logs
Attachment B – Analytical Laboratory Reports

TABLES

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level							
	NY Part 375 Commercial Soil Cleanup Objectives	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	B01	B01	B02	B02	B03	B03
			B01_0-2	B01_6-8	B02_0-2	B02_6-8	B03_2-4	B03_4-6
			06/22/2023	06/22/2023	06/22/2023	06/22/2023	06/23/2023	06/23/2023
			L2336182-01	L2336182-02	L2336182-03	L2336182-04	L2336182-05	L2336182-06
			0 - 2 (ft)	6 - 8 (ft)	0 - 2 (ft)	6 - 8 (ft)	2 - 4 (ft)	4 - 6 (ft)
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
1,1,1-Trichloroethane	500	100	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,1-Dichloroethane	240	26	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,1-Dichloroethene	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,1-Dichloropropene	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2,3-Trichloropropane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2,4-Trimethylbenzene	190	52	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0032)	ND (0.005)	ND (0.0028)	ND (0.0033)	ND (0.0033)	ND (0.0055)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,2-Dichlorobenzene	500	100	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,2-Dichloroethane	30	3.1	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,2-Dichloroethene (total)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
1,3,5-Trimethylbenzene	190	52	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,3-Dichlorobenzene	280	49	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,3-Dichloropropane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,3-Dichloropropene	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
1,4-Dichlorobenzene	130	13	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,4-Diethylbenzene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
1,4-Dioxane	130	13	ND (0.085)	ND (0.13)	ND (0.073)	ND (0.087)	ND (0.087)	ND (0.15)
2,2-Dichloropropane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
2-Butanone (Methyl Ethyl Ketone)	500	100	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
2-Chlorotoluene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
2-Phenylbutane (sec-Butylbenzene)	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
4-Chlorotoluene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
Acetone	500	100	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
Acrylonitrile	NA	NA	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
Benzene	44	4.8	0.00019 J	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
Bromobenzene	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Bromodichloromethane	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
Bromoform	NA	NA	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Carbon disulfide	NA	NA	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
Carbon tetrachloride	22	2.4	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Chlorobenzene	500	100	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
Chlorobromomethane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Chloroethane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Chloroform (Trichloromethane)	350	49	ND (0.0016)	ND (0.0025)	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0028)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
cis-1,2-Dichloroethene	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
cis-1,3-Dichloropropene	NA	NA	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Dibromomethane	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
Ethyl Ether	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Ethylbenzene	390	41	0.00017 J	0.00025 J	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Hexachlorobutadiene	NA	NA	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
m,p-Xylenes	NA	NA	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Methyl Tert Butyl Ether (MTBE)	500	100	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Methylene chloride (Dichloromethane)	500	100	ND (0.0053)	ND (0.0083)	ND (0.0046)	ND (0.0054)	ND (0.0054)	ND (0.0092)
Naphthalene	500	100	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
n-Butylbenzene	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
n-Propylbenzene	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
o-Xylene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Styrene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
tert-Butylbenzene	500	100	ND (0.0021)	ND (0.0033)	ND (0.0018)	ND (0.0022)	ND (0.0022)	ND (0.0037)
Tetrachloroethene	150	19	0.0016	0.0058	ND (0.00046)	ND (0.00054)	0.00055	0.00076 J
Toluene	500	100	0.00082 J	0.0011 J	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
trans-1,2-Dichloroethene	500	100	ND (0.0016)	ND (0.0025)	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0028)
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0053)	ND (0.0083)	ND (0.0046)	ND (0.0054)	ND (0.0054)	ND (0.0092)
Trichloroethene	200	21	ND (0.00053)	ND (0.00083)	ND (0.00046)	ND (0.00054)	ND (0.00054)	ND (0.00092)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0043)	ND (0.0066)	ND (0.0037)	ND (0.0044)	ND (0.0044)	ND (0.0074)
Vinyl acetate	NA	NA	ND (0.011)	ND (0.017)	ND (0.0092)	ND (0.011)	ND (0.011)	ND (0.018)
Vinyl chloride	13	0.9	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)
Xylene (Total)	500	100	ND (0.0011)	ND (0.0017)	ND (0.00092)	ND (0.0011)	ND (0.0011)	ND (0.0018)

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objectives.
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objectives.

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level							
	NY Part 375	NY Part 375	B04	B04	B05	B05	B06	B06
	Commercial	Restricted	B04_0-2	B04_2-4	B05_1-3	B05_3-5	B06_0-2	B06_2-4
	Soil Cleanup	Residential Use	06/23/2023	06/23/2023	06/23/2023	06/23/2023	06/23/2023	06/23/2023
	Objectives	Soil Cleanup	L2336182-07	L2336182-08	L2336182-09	L2336182-10	L2336182-11	L2336182-12
		Objectives	0 - 2 (ft)	2 - 4 (ft)	1 - 3 (ft)	3 - 5 (ft)	0 - 2 (ft)	2 - 4 (ft)
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
1,1,1-Trichloroethane	500	100	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
1,1,2-Trichloroethane	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,1-Dichloroethane	240	26	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,1-Dichloroethene	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,1-Dichloropropene	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2,3-Trichloropropane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2,4-Trimethylbenzene	190	52	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0028)	ND (0.0038)	ND (0.0042)	ND (0.0034)	ND (0.0039)	ND (0.0043)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,2-Dichlorobenzene	500	100	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,2-Dichloroethane	30	3.1	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,2-Dichloroethene (total)	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,2-Dichloropropane	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
1,3,5-Trimethylbenzene	190	52	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,3-Dichlorobenzene	280	49	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,3-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,3-Dichloropropene	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
1,4-Dichlorobenzene	130	13	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,4-Diethylbenzene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
1,4-Dioxane	130	13	ND (0.076)	ND (0.1)	ND (0.11)	ND (0.092)	ND (0.1)	ND (0.11)
2,2-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
2-Butanone (Methyl Ethyl Ketone)	500	100	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
2-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
2-Phenylbutane (sec-Butylbenzene)	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
4-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
Acetone	500	100	ND (0.0094)	0.0092 J	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
Acrylonitrile	NA	NA	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
Benzene	44	4.8	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
Bromobenzene	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Bromodichloromethane	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
Bromoform	NA	NA	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Carbon disulfide	NA	NA	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
Carbon tetrachloride	22	2.4	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Chlorobenzene	500	100	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
Chlorobromomethane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Chloroethane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Chloroform (Trichloromethane)	350	49	0.00015 J	ND (0.0019)	ND (0.0021)	ND (0.0017)	ND (0.0019)	ND (0.0021)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
cis-1,2-Dichloroethene	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
cis-1,3-Dichloropropene	NA	NA	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Dibromochloromethane	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Dibromomethane	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
Ethyl Ether	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Ethylbenzene	390	41	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Hexachlorobutadiene	NA	NA	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
Isopropylbenzene (Cumene)	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
m,p-Xylenes	NA	NA	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Methyl Tert Butyl Ether (MTBE)	500	100	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Methylene chloride (Dichloromethane)	500	100	ND (0.0047)	ND (0.0062)	ND (0.0071)	ND (0.0057)	ND (0.0064)	ND (0.0071)
Naphthalene	500	100	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
n-Butylbenzene	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
n-Propylbenzene	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
o-Xylene	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Styrene	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
tert-Butylbenzene	500	100	ND (0.0019)	ND (0.0025)	ND (0.0028)	ND (0.0023)	ND (0.0026)	ND (0.0028)
Tetrachloroethene	150	19	0.0012	0.001	ND (0.00071)	0.00069	0.00068	0.0021
Toluene	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
trans-1,2-Dichloroethene	500	100	ND (0.0014)	ND (0.0019)	ND (0.0021)	ND (0.0017)	ND (0.0019)	ND (0.0021)
trans-1,3-Dichloropropene	NA	NA	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0047)	ND (0.0062)	ND (0.0071)	ND (0.0057)	ND (0.0064)	ND (0.0071)
Trichloroethene	200	21	ND (0.00047)	ND (0.00062)	ND (0.00071)	ND (0.00057)	ND (0.00064)	ND (0.00071)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0038)	ND (0.005)	ND (0.0057)	ND (0.0046)	ND (0.0052)	ND (0.0057)
Vinyl acetate	NA	NA	ND (0.0094)	ND (0.012)	ND (0.014)	ND (0.011)	ND (0.013)	ND (0.014)
Vinyl chloride	13	0.9	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)
Xylene (Total)	500	100	ND (0.00094)	ND (0.0012)	ND (0.0014)	ND (0.0011)	ND (0.0013)	ND (0.0014)

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objectives
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objectives

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level		B01	B01	B02	B02	B03	B03
	NY Part 375 Commercial Soil Cleanup Objectives	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	B01_0-2 06/22/2023 L2336182-01 0 - 2 (ft)	B01_6-8 06/22/2023 L2336182-02 6 - 8 (ft)	B02_0-2 06/22/2023 L2336182-03 0 - 2 (ft)	B02_6-8 06/22/2023 L2336182-04 6 - 8 (ft)	B03_2-4 06/23/2023 L2336182-05 2 - 4 (ft)	B03_4-6 06/23/2023 L2336182-06 4 - 6 (ft)
Semi-Volatile Organic Compounds (mg/kg)								
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
1,2,4-Trichlorobenzene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
1,2-Dichlorobenzene	500	100	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
1,3-Dichlorobenzene	280	49	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
1,4-Dichlorobenzene	130	13	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
1,4-Dioxane	130	13	ND (0.027)	ND (0.028)	ND (0.029)	ND (0.029)	ND (0.027)	ND (0.027)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.22)	ND (0.22)	ND (0.23)	ND (0.23)	ND (0.22)	ND (0.22)
2,4,5-Trichlorophenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2,4,6-Trichlorophenol	NA	NA	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)
2,4-Dichlorophenol	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.17)	ND (0.16)	ND (0.16)
2,4-Dimethylphenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2,4-Dinitrophenol	NA	NA	ND (0.86)	ND (0.88)	ND (0.94)	ND (0.92)	ND (0.87)	ND (0.88)
2,4-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2,6-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2-Chloronaphthalene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2-Chlorophenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2-Methylnaphthalene	NA	NA	0.35	0.022 J	ND (0.23)	ND (0.23)	ND (0.22)	ND (0.22)
2-Methylphenol (o-Cresol)	500	100	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
2-Nitrophenol	NA	NA	ND (0.39)	ND (0.4)	ND (0.42)	ND (0.41)	ND (0.39)	ND (0.39)
3&4-Methylphenol	NA	NA	ND (0.26)	ND (0.26)	ND (0.28)	ND (0.28)	ND (0.26)	ND (0.26)
3,3'-Dichlorobenzidine	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
3-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.47)	ND (0.48)	ND (0.51)	ND (0.5)	ND (0.47)	ND (0.47)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4-Chloro-3-methylphenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4-Chloroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
4-Nitrophenol	NA	NA	ND (0.25)	ND (0.26)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.26)
Acenaphthene	500	100	2.5	ND (0.15)	0.021 J	ND (0.15)	ND (0.14)	ND (0.15)
Acenaphthylene	500	100	0.24	0.075 J	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.15)
Acetophenone	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Anthracene	500	100	4.2	0.11	0.06 J	ND (0.11)	ND (0.11)	ND (0.11)
Benzo(a)anthracene	5.6	1	14	0.66	0.24	0.072 J	ND (0.11)	ND (0.11)
Benzo(a)pyrene	1	1	13	0.54	0.22	0.079 J	ND (0.14)	ND (0.15)
Benzo(b)fluoranthene	5.6	1	14	0.72	0.28	0.091 J	ND (0.11)	ND (0.11)
Benzo(g,h,i)perylene	500	100	5.5	0.33	0.12 J	0.046 J	ND (0.14)	ND (0.15)
Benzo(k)fluoranthene	56	3.9	4.6	0.22	0.08 J	0.03 J	ND (0.11)	ND (0.11)
Benzoic acid	NA	NA	ND (0.58)	ND (0.6)	ND (0.63)	ND (0.62)	ND (0.58)	ND (0.59)
Benzyl Alcohol	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Biphenyl	NA	NA	0.15 J	ND (0.42)	ND (0.44)	ND (0.44)	ND (0.41)	ND (0.42)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.19)	ND (0.2)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.2)
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.17)	ND (0.16)	ND (0.16)
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	0.1 J
Butyl benzylphthalate (BBP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Carbazole	NA	NA	1.6	0.037 J	0.028 J	ND (0.19)	ND (0.18)	ND (0.18)
Chrysene	56	3.9	13	0.61	0.24	0.07 J	ND (0.11)	ND (0.11)
Dibenz(a,h)anthracene	0.56	0.33	1.5	0.085 J	0.032 J	ND (0.11)	ND (0.11)	ND (0.11)
Dibenzofuran	350	59	1.3	0.024 J	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Diethyl phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Dimethyl phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Fluoranthene	500	100	34	1	0.46	0.11	ND (0.11)	ND (0.11)
Fluorene	500	100	1.6	0.02 J	0.021 J	ND (0.19)	ND (0.18)	ND (0.18)
Hexachlorobenzene	6	1.2	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)
Hexachlorobutadiene	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Hexachlorocyclopentadiene	NA	NA	ND (0.52)	ND (0.53)	ND (0.56)	ND (0.55)	ND (0.52)	ND (0.52)
Hexachloroethane	NA	NA	ND (0.14)	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.15)
Indeno(1,2,3-cd)pyrene	5.6	0.5	5.8	0.36	0.14 J	0.048 J	ND (0.14)	ND (0.15)
Isophorone	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.17)	ND (0.16)	ND (0.16)
Naphthalene	500	100	0.42	0.069 J	0.03 J	ND (0.19)	ND (0.18)	ND (0.18)
Nitrobenzene	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.17)	ND (0.16)	ND (0.16)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.15)
Pentachlorophenol	6.7	6.7	ND (0.14)	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.15)
Phenanthrene	500	100	31	0.38	0.3	0.071 J	ND (0.11)	ND (0.11)
Phenol	500	100	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.19)	ND (0.18)	ND (0.18)
Pyrene	500	100	34	0.85	0.42	0.1 J	ND (0.11)	ND (0.11)

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objectives.
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objectives.

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level							
	NY Part 375	NY Part 375	B04	B04	B05	B05	B06	B06
	Commercial	Restricted	B04_0-2	B04_2-4	B05_1-3	B05_3-5	B06_0-2	B06_2-4
	Soil Cleanup	Residential Use	06/23/2023	06/23/2023	06/23/2023	06/23/2023	06/23/2023	06/23/2023
	Objectives	Soil Cleanup	L2336182-07	L2336182-08	L2336182-09	L2336182-10	L2336182-11	L2336182-12
		Objectives	0 - 2 (ft)	2 - 4 (ft)	1 - 3 (ft)	3 - 5 (ft)	0 - 2 (ft)	2 - 4 (ft)
Semi-Volatile Organic Compounds (mg/kg)								
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
1,2,4-Trichlorobenzene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
1,2-Dichlorobenzene	500	100	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
1,3-Dichlorobenzene	280	49	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
1,4-Dichlorobenzene	130	13	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
1,4-Dioxane	130	13	ND (0.027)	ND (0.027)	ND (0.028)	ND (0.028)	ND (0.027)	ND (0.028)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.23)
2,4,5-Trichlorophenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2,4,6-Trichlorophenol	NA	NA	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
2,4-Dichlorophenol	NA	NA	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.17)	ND (0.16)	ND (0.17)
2,4-Dimethylphenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2,4-Dinitrophenol	NA	NA	ND (0.87)	ND (0.86)	ND (0.89)	ND (0.89)	ND (0.86)	ND (0.91)
2,4-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2,6-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2-Chloronaphthalene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2-Chlorophenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2-Methylnaphthalene	NA	NA	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.23)
2-Methylphenol (o-Cresol)	500	100	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
2-Nitrophenol	NA	NA	ND (0.39)	ND (0.39)	ND (0.4)	ND (0.4)	ND (0.38)	ND (0.41)
3&4-Methylphenol	NA	NA	ND (0.26)	ND (0.26)	ND (0.27)	ND (0.27)	ND (0.26)	ND (0.27)
3,3'-Dichlorobenzidine	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
3-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.47)	ND (0.46)	ND (0.48)	ND (0.48)	ND (0.46)	ND (0.49)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4-Chloro-3-methylphenol	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4-Chloroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4-Nitroaniline	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
4-Nitrophenol	NA	NA	ND (0.25)	ND (0.25)	ND (0.26)	ND (0.26)	ND (0.25)	ND (0.26)
Acenaphthene	500	100	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Acenaphthylene	500	100	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Acetophenone	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Anthracene	500	100	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzo(a)anthracene	5.6	1	0.061 J	ND (0.11)	ND (0.11)	0.037 J	ND (0.11)	0.032 J
Benzo(a)pyrene	1	1	0.059 J	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Benzo(b)fluoranthene	5.6	1	0.072 J	ND (0.11)	ND (0.11)	0.036 J	ND (0.11)	0.032 J
Benzo(g,h,i)perylene	500	100	0.035 J	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Benzo(k)fluoranthene	56	3.9	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzoic acid	NA	NA	ND (0.59)	ND (0.58)	ND (0.6)	ND (0.6)	ND (0.58)	ND (0.61)
Benzyl Alcohol	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Biphenyl	NA	NA	ND (0.41)	ND (0.41)	ND (0.42)	ND (0.42)	ND (0.41)	ND (0.43)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.2)	ND (0.19)	ND (0.2)	ND (0.2)	ND (0.19)	ND (0.2)
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.17)	ND (0.16)	ND (0.17)
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	0.11 J
Butyl benzylphthalate (BBP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Carbazole	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Chrysene	56	3.9	0.063 J	ND (0.11)	ND (0.11)	0.036 J	ND (0.11)	0.033 J
Dibenz(a,h)anthracene	0.56	0.33	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Dibenzofuran	350	59	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Diethyl phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Dimethyl phthalate	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Fluoranthene	500	100	0.099 J	ND (0.11)	ND (0.11)	0.064 J	ND (0.11)	0.043 J
Fluorene	500	100	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Hexachlorobenzene	6	1.2	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Hexachlorobutadiene	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Hexachlorocyclopentadiene	NA	NA	ND (0.52)	ND (0.51)	ND (0.53)	ND (0.53)	ND (0.51)	ND (0.54)
Hexachloroethane	NA	NA	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.037 J	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Isophorone	NA	NA	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.17)	ND (0.16)	ND (0.17)
Naphthalene	500	100	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Nitrobenzene	NA	NA	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.17)	ND (0.16)	ND (0.17)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Pentachlorophenol	6.7	6.7	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Phenanthrene	500	100	0.069 J	ND (0.11)	ND (0.11)	0.076 J	ND (0.11)	0.051 J
Phenol	500	100	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.19)
Pyrene	500	100	0.1 J	0.02 J	ND (0.11)	0.061 J	ND (0.11)	0.051 J

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objective
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objective

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level		B01	B01	B02	B02	B03	B03
	NY Part 375 Commercial Soil Cleanup Objectives	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	B01_0-2 06/22/2023 L2336182-01 0 - 2 (ft)	B01_6-8 06/22/2023 L2336182-02 6 - 8 (ft)	B02_0-2 06/22/2023 L2336182-03 0 - 2 (ft)	B02_6-8 06/22/2023 L2336182-04 6 - 8 (ft)	B03_2-4 06/23/2023 L2336182-05 2 - 4 (ft)	B03_4-6 06/23/2023 L2336182-06 4 - 6 (ft)
Total Metals (mg/kg)								
Aluminum	NA	NA	4060	6240	5900	6590	13700	8160
Antimony	NA	NA	0.341 J	0.915 J	5.99	0.509 J	1.02 J	0.527 J
Arsenic	16	16	3.69	9.91	23.5	3.56	4	3.15
Barium	400	400	63.6	160	235	28.1	55.8	36.1
Beryllium	590	72	0.298 J	0.5	0.477	0.459	0.891	0.467
Cadmium	9.3	4.3	0.212 J	0.35 J	0.712 J	0.324 J	0.362 J	0.231 J
Calcium	NA	NA	2980	4750	2910	1250	1990	11500
Chromium	NA	NA	9.03	14.9	25	15.9	32.1	18.6
Cobalt	NA	NA	3.42	6.61	4.38	5.64	8.83	7.25
Copper	270	270	16.3	38	59.5	37.6	30.8	16.8
Iron	NA	NA	10100	15200	23100	19500	23800	16600
Lead	1000	400	187	447	716	73.5	7.81	11.6
Magnesium	NA	NA	938	1900	1490	1780	4730	2400
Manganese	10000	2000	209	404	312	245	609	376
Mercury	2.8	0.81	1.42	4.14	2.75	0.83	ND (0.073)	0.057 J
Nickel	310	310	6.92	12.9	14	12.7	30.7	13.8
Potassium	NA	NA	615	762	1500	1510	2760	1280
Selenium	1500	180	0.541 J	1.06 J	0.649 J	0.54 J	0.267 J	ND (1.78)
Silver	1500	180	ND (0.432)	ND (0.442)	ND (0.452)	ND (0.456)	0.301 J	ND (0.444)
Sodium	NA	NA	148 J	176 J	167 J	82.1 J	134 J	154 J
Thallium	NA	NA	ND (1.73)	0.496 J	0.416 J	0.424 J	0.83 J	0.44 J
Vanadium	NA	NA	17.2	20.8	28.5	30	46.5	29.2
Zinc	10000	10000	98.5	264	518	56	56.9	28.1
Other								
Total Solids (%)	NA	NA	90.9	89.5	84.5	86.9	91.4	89.4

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objectives.
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objectives.

TABLE I
SUMMARY OF SOIL QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level							
	NY Part 375 Commercial Soil Cleanup Objectives	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	B04 B04_0-2 06/23/2023 L2336182-07 0 - 2 (ft)	B04 B04_2-4 06/23/2023 L2336182-08 2 - 4 (ft)	B05 B05_1-3 06/23/2023 L2336182-09 1 - 3 (ft)	B05 B05_3-5 06/23/2023 L2336182-10 3 - 5 (ft)	B06 B06_0-2 06/23/2023 L2336182-11 0 - 2 (ft)	B06 B06_2-4 06/23/2023 L2336182-12 2 - 4 (ft)
Total Metals (mg/kg)								
Aluminum	NA	NA	6290	7610	10400	9680	8640	7000
Antimony	NA	NA	1.1 J	0.788 J	0.387 J	0.937 J	0.784 J	0.578 J
Arsenic	16	16	11.4	2.57	3.73	2.58	2.22	2.17
Barium	400	400	581	31.9	80	45.1	33.1	41.1
Beryllium	590	72	0.349 J	0.468	0.669	0.585	0.47	0.346 J
Cadmium	9.3	4.3	0.361 J	0.265 J	0.231 J	0.285 J	0.263 J	0.2 J
Calcium	NA	NA	4280	4050	4490	1710	3960	28100
Chromium	NA	NA	57.9	27.6	13.6	19.4	17.3	14.1
Cobalt	NA	NA	4.05	8.15	5.44	7.99	7.68	5.3
Copper	270	270	34.4	18.6	17.6	21.4	15.7	14
Iron	NA	NA	11800	16000	14500	19600	16800	11700
Lead	1000	400	470	9.64	38	8.04	5.8	26
Magnesium	NA	NA	1740	2870	1920	2340	2990	2560
Manganese	10000	2000	181	305	553	589	343	244
Mercury	2.8	0.81	0.278	ND (0.072)	0.126	ND (0.073)	ND (0.08)	0.112
Nickel	310	310	14.3	22.6	11.2	14.9	20	11.6
Potassium	NA	NA	540	801	614	1370	1610	1430
Selenium	1500	180	ND (1.7)	ND (1.69)	0.248 J	0.286 J	ND (1.74)	ND (1.79)
Silver	1500	180	0.251 J	ND (0.423)	ND (0.433)	ND (0.435)	ND (0.435)	ND (0.448)
Sodium	NA	NA	89 J	171	124 J	101 J	178	798
Thallium	NA	NA	ND (1.7)	ND (1.69)	0.61 J	0.543 J	0.298 J	ND (1.79)
Vanadium	NA	NA	16.3	24.1	23.2	28.8	26.8	17.3
Zinc	10000	10000	79	34.4	34.7	35.3	30.6	30.8
Other								
Total Solids (%)	NA	NA	90.2	91.2	89	87.8	91.3	87.7

ABBREVIATIONS AND NOTES:

- mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Restricted Residential Use Soil Cleanup Objectives
- Grey shading with bolding indicates an exceedance of the Commercial Soil Cleanup Objectives

TABLE II
SUMMARY OF SOIL GAS QUALITY DATA
103 WALWORTH
BROOKLYN, NY
FILE NO. 0208731

Location Name Sample Name Sample Date Lab Sample ID		
	SV01	SV02
	SV01-20230622	SV02-20230623
	06/22/2023	06/23/2023
Lab Sample ID	L2336063-01	L2336218-01
Volatile Organic Compounds (ug/m3)		
1,1,1-Trichloroethane	ND (2.73)	ND (5.46)
1,1,2,2-Tetrachloroethane	ND (3.43)	ND (6.87)
1,1,2-Trichloroethane	ND (2.73)	ND (5.46)
1,1-Dichloroethane	ND (2.02)	ND (4.05)
1,1-Dichloroethene	ND (1.98)	ND (3.96)
1,2,4-Trichlorobenzene	ND (3.71)	ND (7.42)
1,2,4-Trimethylbenzene	ND (2.46)	ND (4.92)
1,2-Dibromoethane (Ethylene Dibromide)	ND (3.84)	ND (7.69)
1,2-Dichlorobenzene	ND (3.01)	ND (6.01)
1,2-Dichloroethane	ND (2.02)	ND (4.05)
1,2-Dichloropropane	ND (2.31)	ND (4.62)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (3.49)	ND (6.99)
1,3,5-Trimethylbenzene	ND (2.46)	ND (4.92)
1,3-Butadiene	ND (1.11)	ND (2.21)
1,3-Dichlorobenzene	ND (3.01)	ND (6.01)
1,4-Dichlorobenzene	ND (3.01)	ND (6.01)
1,4-Dioxane	ND (1.8)	ND (3.6)
2,2,4-Trimethylpentane	ND (2.34)	8.41
2-Butanone (Methyl Ethyl Ketone)	9.38	ND (7.37)
2-Hexanone (Methyl Butyl Ketone)	ND (2.05)	ND (4.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	ND (2.46)	ND (4.92)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (5.12)	ND (10.2)
Acetone	1960	39.7
Allyl chloride	ND (1.57)	ND (3.13)
Benzene	2.66	ND (3.19)
Benzyl Chloride (alpha-Chlorotoluene)	ND (2.59)	ND (5.18)
Bromodichloromethane	ND (3.35)	ND (6.7)
Bromoform	ND (5.17)	ND (10.3)
Bromomethane (Methyl Bromide)	ND (1.94)	ND (3.88)
Carbon disulfide	2.92	ND (3.11)
Carbon tetrachloride	ND (3.15)	ND (6.29)
Chlorobenzene	ND (2.3)	ND (4.61)
Chloroethane	ND (1.32)	ND (2.64)
Chloroform (Trichloromethane)	2.66	ND (4.88)
Chloromethane (Methyl Chloride)	ND (1.03)	ND (2.07)
cis-1,2-Dichloroethene	24.2	5.15
cis-1,3-Dichloropropene	ND (2.27)	ND (4.54)
Cyclohexane	5.47	ND (3.44)
Dibromochloromethane	ND (4.26)	ND (8.52)
Dichlorodifluoromethane (CFC-12)	ND (2.47)	ND (4.94)
Ethanol	174	68.4
Ethyl acetate	ND (4.5)	12
Ethylbenzene	89	ND (4.34)
Hexachlorobutadiene	ND (5.33)	ND (10.7)
Hexane	511	ND (3.52)
Isopropyl Alcohol (2-Propanol)	3.98	ND (6.15)
m,p-Xylenes	351	12.7
Methyl Tert Butyl Ether (MTBE)	ND (1.8)	ND (3.61)
Methylene chloride (Dichloromethane)	ND (4.34)	ND (8.69)
N-Heptane	6.15	ND (4.1)
o-Xylene	87.7	4.91
Styrene	ND (2.13)	ND (4.26)
Tert-Butyl Alcohol (tert-Butanol)	ND (3.79)	ND (7.58)
Tetrachloroethene	358	2140
Tetrahydrofuran	ND (3.69)	ND (7.37)
Toluene	46	17.1
trans-1,2-Dichloroethene	ND (1.98)	ND (3.96)
trans-1,3-Dichloropropene	ND (2.27)	ND (4.54)
Trichloroethene	20.6	67.2
Trichlorofluoromethane (CFC-11)	ND (2.81)	ND (5.62)
Trifluorotrichloroethane (Freon 113)	ND (3.83)	ND (7.66)
Vinyl Bromide (Bromoethene)	ND (2.19)	ND (4.37)
Vinyl chloride	ND (1.28)	ND (2.56)
SUM of VOCs	3655	2376
SUM of CVOCs	403	2212
SUM of BTEX	576	35

ABBREVIATIONS AND NOTES:

µg/m³: micrograms per cubic meter

BTEX: Benzene, Toluene, Ethylbenzene, Xylenes

CVOCs: Chlorinated volatile organic compounds

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

VOCs: Volatile Organic Compounds

- For test methods used, see the laboratory data sheets.

- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride

FIGURES



LEGEND

- SUBJECT PROPERTY
- PARCEL BOUNDARY WITH ASSESSOR PARCEL NUMBER (APN)
- SOIL BORING
- SUB-SLAB SOIL VAPOR SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. ASSESSOR PARCEL DATA SOURCE: NEW YORK STATE
3. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2023



0 30 60
SCALE IN FEET

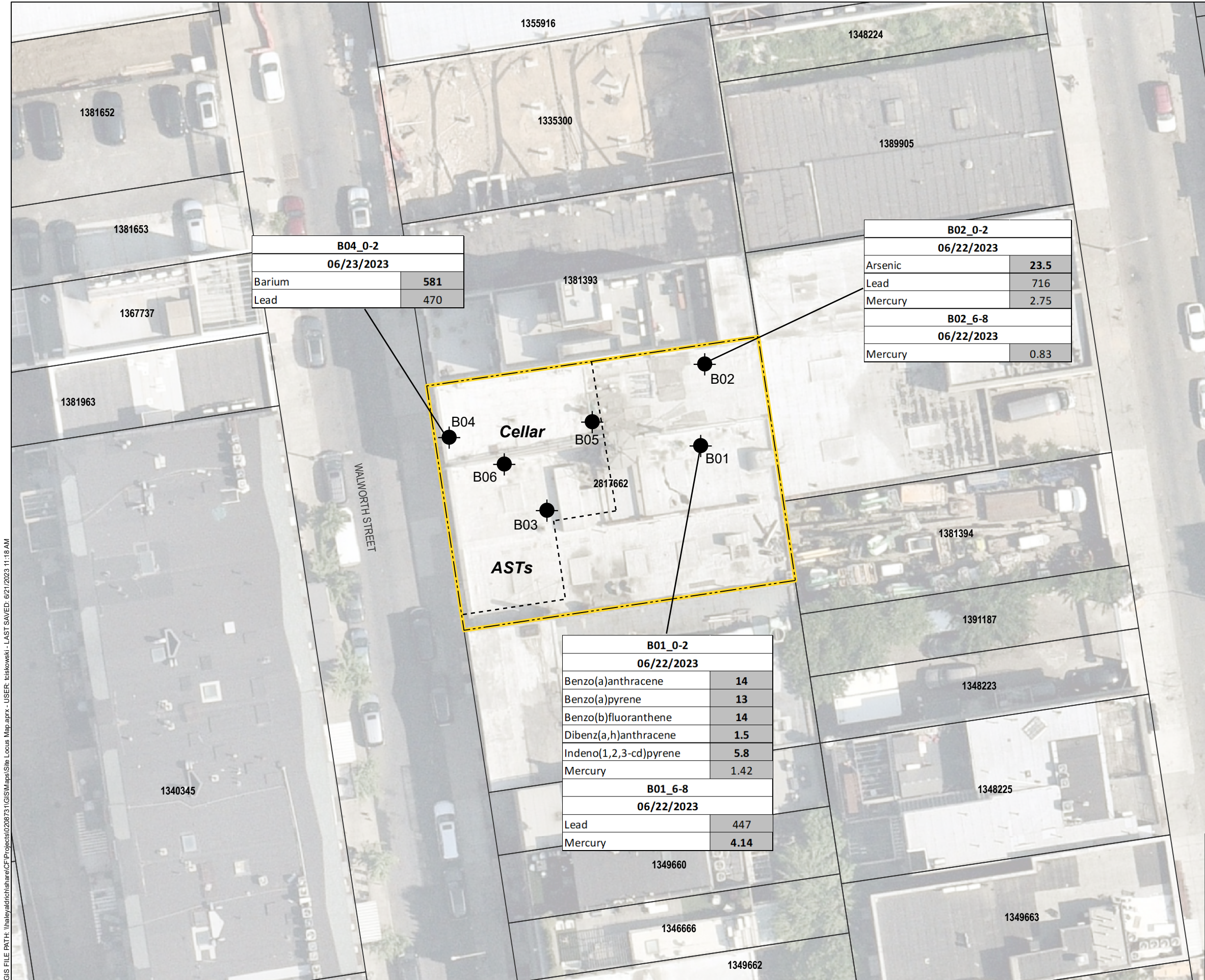
HALEY
ALDRICH

WALWORTH PROJECT LLC
PROPOSED 103 WALWORTH STREET DEVELOPMENT
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

JULY 2023

FIGURE 1



LEGEND

- SUBJECT PROPERTY
- PARCEL BOUNDARY WITH ASSESSOR PARCEL NUMBER (APN)
- SOIL BORING

NYSDEC PART 375 SOIL CLEANUP OBJECTIVES	RRSCO	CSCO
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	1	5.6
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	5.6
Dibenz(a,h)anthracene	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.5	5.6
Total Metals		
Arsenic	16	16
Barium	400	400
Mercury	0.81	2.8
Lead	1000	400

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
- ASSESSOR PARCEL DATA SOURCE: NEW YORK STATE
- AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2023
- ANALYTICAL RESULT SHOW EXCEEDANCES OF NYSDEC PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES (RRSCOs) IN GRAY SHADING AND OF COMMERCIAL USE SOIL CLEANUP OBJECTIVES (CSCOs) IN BOLD AND GRAY SHADING
- ALL COCENTRATIONS IN MILLIGRAMS/KILOGRAM



0 30 60
SCALE IN FEET

HALEY
ALDRICH

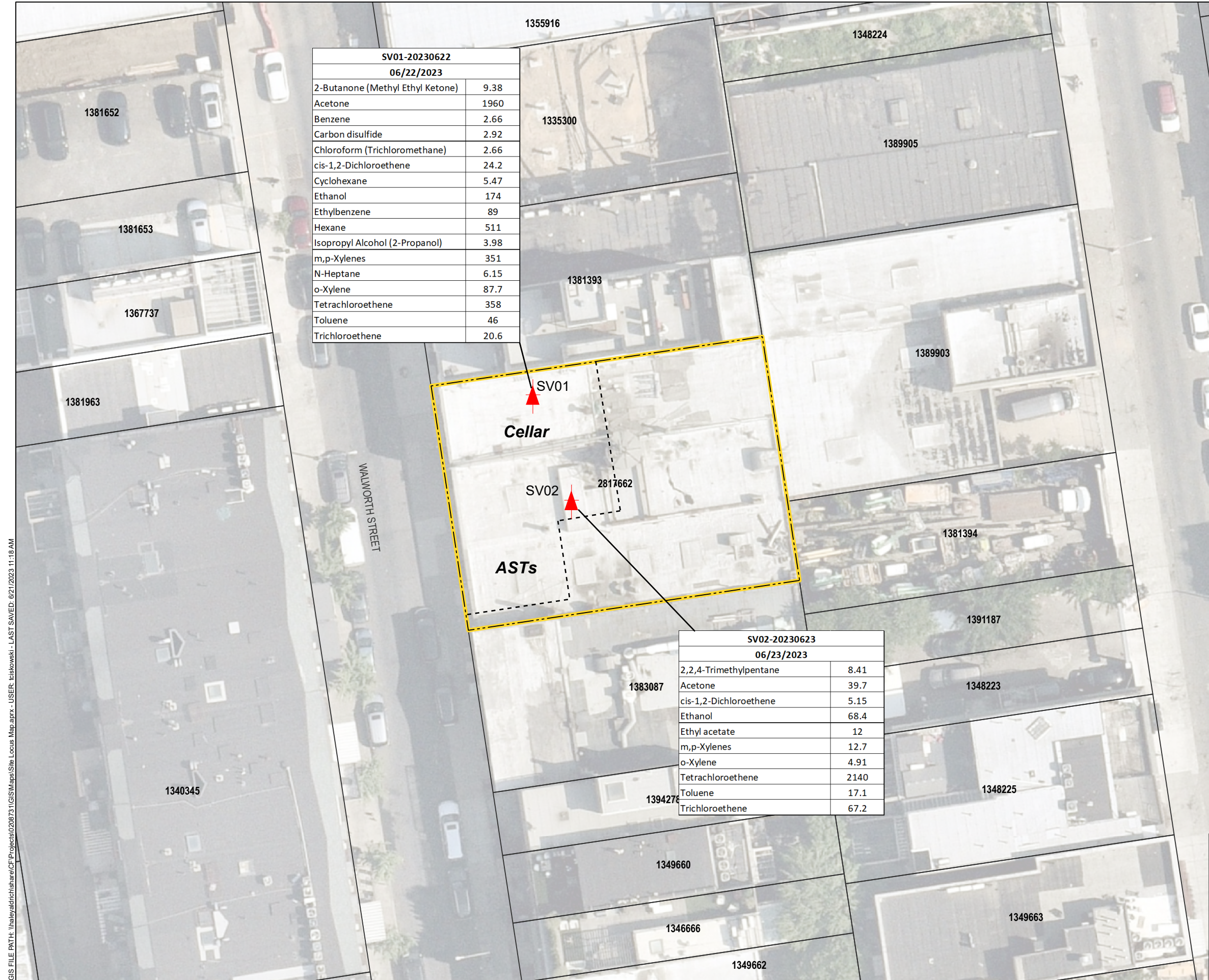
WALWORTH PROJECT LLC
PROPOSED 103 WALWORTH STREET DEVELOPMENT
BROOKLYN, NEW YORK

SOIL ANALYTICAL RESULTS

JULY 2023

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\020873\GIS\Maps\Site Locus Map.aprx - USER: triskowski - LAST SAVED: 8/21/2023 11:18 AM



LEGEND

- SUBJECT PROPERTY
- PARCEL BOUNDARY WITH ASSESSOR
PARCEL NUMBER (APN)
- SUB-SLAB SOIL VAPOR SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. ASSESSOR PARCEL DATA SOURCE: NEW YORK STATE
3. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2023
4. AS NO STANDARDS CURRENTLY EXIST FOR SOIL VAPOR SAMPLES IN
THE STATE OF NEW YORK, CONCENTRATIONS ABOVE LABORATORY
DETECTION LIMITS SHOWN HEREIN
5. ALL CONCENTRATIONS IN MICROGRAMS PER CUBIC METER



0 30 60
SCALE IN FEET

HALEY
ALDRICH

WALWORTH PROJECT LLC
PROPOSED 103 WALWORTH STREET DEVELOPMENT
BROOKLYN, NEW YORK

SOIL VAPOR ANALYTICAL RESULTS

JULY 2023

FIGURE 3

ATTACHMENT A

SOIL BORING LOGS



SOIL BORING LOG

BORING NO.

B03

Page 3 of 6

PROJECT	103 Walworth Street	PROJECT #	208731
LOCATION	103 Walworth Street, Brooklyn, NY	PROJECT MGR.	Elizabeth Scheuerman
CLIENT	Walworth Project LLC	FIELD REP.	Matthew Cal
CONTRACTOR	N/A	DATE STARTED	6/23/23
DRILLER	Lakewood Environmental Services	DATE FINISHED	6/23/23

Elevation		ft.	Datum	Boring Location		See Plan			
Item	Casing		Sampler	Rig Make & Model		Modified Jackhammer	Hammer Type	Drilling Mud	Casing Advance
Type	Steel		2' Macrocore	☐ Truck	☐ Tripod	☐ Cat-Head	☐ Safety	☐ Bentonite	Type Method Depth
Inside Diameter (in.)	1		1	☐ ATV	☐ Geoprobe	☐ Winch	☐ Doughnut	☐ Polymer	Direct Push
Hammer Weight (lb.)	N/A		N/A	☐ Track	☐ Air Track	☐ Roller Bit	☐ Automatic	☒ None	
Hammer Fall (in.)	N/A		N/A	☐ Skid	☒ Hand Auger	☐ Cutting Head	Drilling Notes:		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Sample Depth (ft)	Sample ID	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL])	Remarks
0		0			Concrete [FILL]	
		0			Medium-brown, medium-to-coarse SAND with some gravel [SP]	
	N/A	0				
		0				
		0				
	N/A		2-4	B03_2-4'		
		0				
		0				
4		0				
		0	4-6	B03_4-6'		
		0				
	N/A				Medium-brown, medium-to-coarse SAND with some gravel [SP]	
6		0				
					End of boring at 6' bgs of cellar (-16' below sidewalk grade)	

Water Level Data				Sample ID		Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe		Overburden (Linear ft.)	
			Water			Rock Cored (Linear ft.)	
						Number of Samples	
						BORING NO.	

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO.

B04

Page 4 of 6

PROJECT	103 Walworth Street
LOCATION	103 Walworth Street, Brooklyn, NY
CLIENT	Walworth Project LLC
CONTRACTOR	N/A
DRILLER	Lakewood Environmental Services

PROJECT #	208731
PROJECT MGR.	Elizabeth Scheuerman
FIELD REP.	Matthew Cal
DATE STARTED	6/23/23
DATE FINISHED	6/23/23

Elevation		ft.	Datum	Boring Location		See Plan							
Item	Casing		Sampler	Rig Make & Model		Modified Jackhammer			Hammer Type		Drilling Mud		Casing Advance
Type	Steel		2' Macrocore	☐ Truck	☐ Tripod	☐ Cat-Head	☐ Safety	☐ Bentonite					Type Method Depth
Inside Diameter (in.)	1		1	☐ ATV	☐ Geoprobe	☐ Winch	☐ Doughnut	☐ Polymer					Direct Push
Hammer Weight (lb.)	N/A		N/A	☐ Track	☐ Air Track	☐ Roller Bit	☐ Automatic	☐ None					
Hammer Fall (in.)	N/A		N/A	☐ Skid	☐ Hand Auger	☐ Cutting Head	Drilling Notes:						

[illegible]

Water Level Data				Sample ID		Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe			
			Water				

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT B

ANALYTICAL LABORATORY REPORTS



ANALYTICAL REPORT

Lab Number:	L2336182
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	103 WALWORTH
Project Number:	0208731
Report Date:	07/10/23

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), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2336182-01	B01_0-2'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/22/23 10:55	06/23/23
L2336182-02	B01_6-8'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/22/23 11:00	06/23/23
L2336182-03	B02_0-2'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/22/23 13:10	06/23/23
L2336182-04	B02_6-8'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/22/23 13:15	06/23/23
L2336182-05	B03_2-4'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:00	06/23/23
L2336182-06	B03_4-6'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:05	06/23/23
L2336182-07	B04_0-2'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:15	06/23/23
L2336182-08	B04_2-4'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:20	06/23/23
L2336182-09	B05_1-3'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:35	06/23/23
L2336182-10	B05_3-5'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 10:40	06/23/23
L2336182-11	B06_0-2'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 11:20	06/23/23
L2336182-12	B06_2-4'	SOIL	103 WALWORTH ST. BROOKLYN, NY	06/23/23 11:25	06/23/23

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Case Narrative (continued)

Report Submission

July 10, 2023: This final report includes the results of all requested analyses.

June 30, 2023: 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

L2336182-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Total Mercury

The WG1797824-3 MS recovery, performed on L2336182-01, is outside the acceptance criteria for mercury (130%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 07/10/23

ORGANICS

VOLATILES

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 00:47

Analyst: JIC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	1.6		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	0.19	J	ug/kg	0.53	0.18	1
Toluene	0.82	J	ug/kg	1.1	0.58	1
Ethylbenzene	0.17	J	ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	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	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	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	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	117		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 01:10

Analyst: JIC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.7	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.44	1
Tetrachloroethene	5.8		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.83	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.28	1
Toluene	1.1	J	ug/kg	1.7	0.90	1
Ethylbenzene	0.25	J	ug/kg	1.7	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.97	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.7	0.48	1
Xylenes, Total	ND		ug/kg	1.7	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.3	0.40	1
Styrene	ND		ug/kg	1.7	0.32	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	ND		ug/kg	17	8.0	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	ND		ug/kg	17	3.7	1
Vinyl acetate	ND		ug/kg	17	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.3	0.21	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
2,2-Dichloropropane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.46	1
1,3-Dichloropropane	ND		ug/kg	3.3	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.83	0.22	1
Bromobenzene	ND		ug/kg	3.3	0.24	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
o-Chlorotoluene	ND		ug/kg	3.3	0.32	1
p-Chlorotoluene	ND		ug/kg	3.3	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.28	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.6	1.1	1
Acrylonitrile	ND		ug/kg	6.6	1.9	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	1.7	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.56	1
1,4-Dioxane	ND		ug/kg	130	58.	1
p-Diethylbenzene	ND		ug/kg	3.3	0.29	1
p-Ethyltoluene	ND		ug/kg	3.3	0.64	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.3	0.32	1
Ethyl ether	ND		ug/kg	3.3	0.57	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	116		70-130

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 01:33

Analyst: JIC

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	118		70-130

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 01:56

Analyst: JIC

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	117		70-130

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05

Date Collected: 06/23/23 10:00

Client ID: B03_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 02:19

Analyst: JIC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.55		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05

Date Collected: 06/23/23 10:00

Client ID: B03_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-05**Date Collected:** 06/23/23 10:00**Client ID:** B03_2-4'**Date Received:** 06/23/23**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**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	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	115		70-130

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 02:41

Analyst: JIC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	0.76	J	ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.31	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.92	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.30	1
Benzene	ND		ug/kg	0.92	0.30	1
Toluene	ND		ug/kg	1.8	1.0	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.62	1
Chloroethane	ND		ug/kg	3.7	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.25	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.54	1
Xylenes, Total	ND		ug/kg	1.8	0.54	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.7	0.44	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.8	1
Carbon disulfide	ND		ug/kg	18	8.4	1
2-Butanone	ND		ug/kg	18	4.1	1
Vinyl acetate	ND		ug/kg	18	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.7	0.23	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.31	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.92	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.27	1
n-Butylbenzene	ND		ug/kg	1.8	0.31	1
sec-Butylbenzene	ND		ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
o-Chlorotoluene	ND		ug/kg	3.7	0.35	1
p-Chlorotoluene	ND		ug/kg	3.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.4	1.2	1
Acrylonitrile	ND		ug/kg	7.4	2.1	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.61	1
1,4-Dioxane	ND		ug/kg	150	64.	1
p-Diethylbenzene	ND		ug/kg	3.7	0.32	1
p-Ethyltoluene	ND		ug/kg	3.7	0.71	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.35	1
Ethyl ether	ND		ug/kg	3.7	0.63	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	120		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 03:04

Analyst: JIC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	0.15	J	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	1.2		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	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	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.53	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	ND		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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.32	1
1,4-Dioxane	ND		ug/kg	76	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	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	120		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 03:27

Analyst: JIC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	1.0		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	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	0.31	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	0.68	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	0.73	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	9.2	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	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	0.26	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	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	100	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	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09

Date Collected: 06/23/23 10:35

Client ID: B05_1-3'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 03:50

Analyst: JIC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.23	1
Benzene	ND		ug/kg	0.71	0.23	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09

Date Collected: 06/23/23 10:35

Client ID: B05_1-3'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.7	0.92	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09

Date Collected: 06/23/23 10:35

Client ID: B05_1-3'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	118		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-10
 Client ID: B05_3-5'
 Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 10:40
 Date Received: 06/23/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/29/23 04:13
 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	0.17	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	0.69		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-10

Date Collected: 06/23/23 10:40

Client ID: B05_3-5'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.20	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	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	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	0.17	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	0.14	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-10

Date Collected: 06/23/23 10:40

Client ID: B05_3-5'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.20	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	92	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	91		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	119		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 11:00

Analyst: AJK

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	0.68		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/29/23 04:59

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	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	2.1		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	0.71	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	118		70-130

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/28/23 21:44
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10,12 Batch: WG1797970-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/23 21:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10,12 Batch: WG1797970-5					
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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/23 21:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10,12 Batch: WG1797970-5					
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	126		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	122		70-130

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 09:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1798397-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 09:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1798397-5					
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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 09:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1798397-5					
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	90		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1797970-3 WG1797970-4								
Methylene chloride	99		101		70-130	2		30
1,1-Dichloroethane	111		112		70-130	1		30
Chloroform	103		108		70-130	5		30
Carbon tetrachloride	119		121		70-130	2		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	92		88		70-130	4		30
1,1,2-Trichloroethane	90		87		70-130	3		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	105		105		70-139	0		30
1,2-Dichloroethane	116		118		70-130	2		30
1,1,1-Trichloroethane	124		121		70-130	2		30
Bromodichloromethane	115		114		70-130	1		30
trans-1,3-Dichloropropene	94		90		70-130	4		30
cis-1,3-Dichloropropene	108		106		70-130	2		30
1,1-Dichloropropene	95		92		70-130	3		30
Bromoform	89		85		70-130	5		30
1,1,2,2-Tetrachloroethane	72		70		70-130	3		30
Benzene	103		104		70-130	1		30
Toluene	91		88		70-130	3		30
Ethylbenzene	98		94		70-130	4		30
Chloromethane	147	Q	142	Q	52-130	3		30
Bromomethane	129		129		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1797970-3 WG1797970-4								
Vinyl chloride	137	Q	136	Q	67-130	1		30
Chloroethane	122		126		50-151	3		30
1,1-Dichloroethene	113		113		65-135	0		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	100		97		70-130	3		30
1,2-Dichlorobenzene	95		89		70-130	7		30
1,3-Dichlorobenzene	94		88		70-130	7		30
1,4-Dichlorobenzene	95		88		70-130	8		30
Methyl tert butyl ether	121		118		66-130	3		30
p/m-Xylene	104		101		70-130	3		30
o-Xylene	104		101		70-130	3		30
cis-1,2-Dichloroethene	99		99		70-130	0		30
Dibromomethane	106		108		70-130	2		30
Styrene	103		99		70-130	4		30
Dichlorodifluoromethane	140		144		30-146	3		30
Acetone	119		131		54-140	10		30
Carbon disulfide	114		118		59-130	3		30
2-Butanone	96		104		70-130	8		30
Vinyl acetate	85		88		70-130	3		30
4-Methyl-2-pentanone	88		89		70-130	1		30
1,2,3-Trichloropropane	82		79		68-130	4		30
2-Hexanone	92		95		70-130	3		30
Bromochloromethane	108		107		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1797970-3 WG1797970-4								
2,2-Dichloropropane	114		113		70-130	1		30
1,2-Dibromoethane	83		81		70-130	2		30
1,3-Dichloropropane	88		84		69-130	5		30
1,1,1,2-Tetrachloroethane	97		92		70-130	5		30
Bromobenzene	91		84		70-130	8		30
n-Butylbenzene	96		90		70-130	6		30
sec-Butylbenzene	92		86		70-130	7		30
tert-Butylbenzene	92		86		70-130	7		30
o-Chlorotoluene	92		86		70-130	7		30
p-Chlorotoluene	93		86		70-130	8		30
1,2-Dibromo-3-chloropropane	86		85		68-130	1		30
Hexachlorobutadiene	104		96		67-130	8		30
Isopropylbenzene	89		84		70-130	6		30
p-Isopropyltoluene	96		89		70-130	8		30
Naphthalene	86		82		70-130	5		30
Acrylonitrile	109		116		70-130	6		30
n-Propylbenzene	91		85		70-130	7		30
1,2,3-Trichlorobenzene	93		86		70-130	8		30
1,2,4-Trichlorobenzene	95		88		70-130	8		30
1,3,5-Trimethylbenzene	99		93		70-130	6		30
1,2,4-Trimethylbenzene	97		92		70-130	5		30
1,4-Dioxane	96		101		65-136	5		30
p-Diethylbenzene	99		92		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1797970-3 WG1797970-4								
p-Ethyltoluene	95		88		70-130	8		30
1,2,4,5-Tetramethylbenzene	82		76		70-130	8		30
Ethyl ether	111		110		67-130	1		30
trans-1,4-Dichloro-2-butene	94		90		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	103		106		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1798397-3 WG1798397-4								
Methylene chloride	82		84		70-130	2		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	95		96		70-130	1		30
1,2-Dichloropropane	92		94		70-130	2		30
Dibromochloromethane	88		93		70-130	6		30
1,1,2-Trichloroethane	84		87		70-130	4		30
Tetrachloroethene	103		106		70-130	3		30
Chlorobenzene	89		91		70-130	2		30
Trichlorofluoromethane	93		95		70-139	2		30
1,2-Dichloroethane	90		92		70-130	2		30
1,1,1-Trichloroethane	93		94		70-130	1		30
Bromodichloromethane	85		87		70-130	2		30
trans-1,3-Dichloropropene	83		86		70-130	4		30
cis-1,3-Dichloropropene	86		89		70-130	3		30
1,1-Dichloropropene	94		95		70-130	1		30
Bromoform	85		90		70-130	6		30
1,1,2,2-Tetrachloroethane	79		83		70-130	5		30
Benzene	87		89		70-130	2		30
Toluene	84		86		70-130	2		30
Ethylbenzene	88		90		70-130	2		30
Chloromethane	117		117		52-130	0		30
Bromomethane	126		124		57-147	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1798397-3 WG1798397-4								
Vinyl chloride	111		111		67-130	0		30
Chloroethane	101		100		50-151	1		30
1,1-Dichloroethene	92		94		65-135	2		30
trans-1,2-Dichloroethene	92		94		70-130	2		30
Trichloroethene	95		98		70-130	3		30
1,2-Dichlorobenzene	94		98		70-130	4		30
1,3-Dichlorobenzene	94		98		70-130	4		30
1,4-Dichlorobenzene	95		98		70-130	3		30
Methyl tert butyl ether	96		99		66-130	3		30
p/m-Xylene	89		92		70-130	3		30
o-Xylene	89		92		70-130	3		30
cis-1,2-Dichloroethene	91		93		70-130	2		30
Dibromomethane	87		90		70-130	3		30
Styrene	86		88		70-130	2		30
Dichlorodifluoromethane	111		112		30-146	1		30
Acetone	86		91		54-140	6		30
Carbon disulfide	91		91		59-130	0		30
2-Butanone	89		89		70-130	0		30
Vinyl acetate	74		72		70-130	3		30
4-Methyl-2-pentanone	83		85		70-130	2		30
1,2,3-Trichloropropane	77		84		68-130	9		30
2-Hexanone	76		78		70-130	3		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1798397-3 WG1798397-4								
2,2-Dichloropropane	88		88		70-130	0		30
1,2-Dibromoethane	85		90		70-130	6		30
1,3-Dichloropropane	83		86		69-130	4		30
1,1,1,2-Tetrachloroethane	93		96		70-130	3		30
Bromobenzene	90		94		70-130	4		30
n-Butylbenzene	88		91		70-130	3		30
sec-Butylbenzene	89		93		70-130	4		30
tert-Butylbenzene	93		97		70-130	4		30
o-Chlorotoluene	87		91		70-130	4		30
p-Chlorotoluene	86		89		70-130	3		30
1,2-Dibromo-3-chloropropane	80		84		68-130	5		30
Hexachlorobutadiene	96		99		67-130	3		30
Isopropylbenzene	89		92		70-130	3		30
p-Isopropyltoluene	95		98		70-130	3		30
Naphthalene	87		92		70-130	6		30
Acrylonitrile	96		98		70-130	2		30
n-Propylbenzene	88		92		70-130	4		30
1,2,3-Trichlorobenzene	94		100		70-130	6		30
1,2,4-Trichlorobenzene	96		100		70-130	4		30
1,3,5-Trimethylbenzene	90		93		70-130	3		30
1,2,4-Trimethylbenzene	87		91		70-130	4		30
1,4-Dioxane	88		89		65-136	1		30
p-Diethylbenzene	93		97		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1798397-3 WG1798397-4								
p-Ethyltoluene	88		92		70-130	4		30
1,2,4,5-Tetramethylbenzene	95		100		70-130	5		30
Ethyl ether	99		100		67-130	1		30
trans-1,4-Dichloro-2-butene	84		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		90		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	94		94		70-130

SEMIVOLATILES

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 21:41

Analyst: LJC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2500		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	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	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	16000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	420		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	11000	E	ug/kg	110	20.	1
Benzo(a)pyrene	8800	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	11000	E	ug/kg	110	30.	1
Chrysene	9200	E	ug/kg	110	19.	1
Acenaphthylene	240		ug/kg	140	28.	1
Anthracene	4200		ug/kg	110	35.	1
Benzo(ghi)perylene	5500		ug/kg	140	21.	1
Fluorene	1600		ug/kg	180	18.	1
Phenanthrene	16000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1500		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	5800		ug/kg	140	25.	1
Pyrene	16000	E	ug/kg	110	18.	1
Biphenyl	150	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	1300		ug/kg	180	17.	1
2-Methylnaphthalene	350		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	1600		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	50		18-120

Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-01 D
 Client ID: B01_0-2'
 Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/22/23 10:55
 Date Received: 06/23/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/30/23 14:11
 Analyst: SLR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/24/23 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	34000		ug/kg	1100	210	10
Benzo(a)anthracene	14000		ug/kg	1100	200	10
Benzo(a)pyrene	13000		ug/kg	1400	440	10
Benzo(b)fluoranthene	14000		ug/kg	1100	300	10
Benzo(k)fluoranthene	4600		ug/kg	1100	290	10
Chrysene	13000		ug/kg	1100	190	10
Phenanthrene	31000		ug/kg	1100	220	10
Pyrene	34000		ug/kg	1100	180	10

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 22:05

Analyst: LJC

Percent Solids: 90%

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	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	69	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	660		ug/kg	110	21.	1
Benzo(a)pyrene	540		ug/kg	150	45.	1
Benzo(b)fluoranthene	720		ug/kg	110	31.	1
Benzo(k)fluoranthene	220		ug/kg	110	29.	1
Chrysene	610		ug/kg	110	19.	1
Acenaphthylene	75	J	ug/kg	150	28.	1
Anthracene	110		ug/kg	110	36.	1
Benzo(ghi)perylene	330		ug/kg	150	22.	1
Fluorene	20	J	ug/kg	180	18.	1
Phenanthrene	380		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	85	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	150	26.	1
Pyrene	850		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	24	J	ug/kg	180	17.	1
2-Methylnaphthalene	22	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-02**Date Collected:** 06/22/23 11:00**Client ID:** B01_6-8'**Date Received:** 06/23/23**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**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	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	37	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	54		18-120

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 22:29

Analyst: LJJ

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	21	J	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	34.	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	460		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	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	30	J	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	240		ug/kg	120	22.	1
Benzo(a)pyrene	220		ug/kg	160	48.	1
Benzo(b)fluoranthene	280		ug/kg	120	33.	1
Benzo(k)fluoranthene	80	J	ug/kg	120	31.	1
Chrysene	240		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	60	J	ug/kg	120	38.	1
Benzo(ghi)perylene	120	J	ug/kg	160	23.	1
Fluorene	21	J	ug/kg	190	19.	1
Phenanthrene	300		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	160	27.	1
Pyrene	420		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	81.	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	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	28	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	57		18-120

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 14:32

Analyst: LJJ

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	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	110		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	72	J	ug/kg	110	22.	1
Benzo(a)pyrene	79	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	91	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	30.	1
Chrysene	70	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	71	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	48	J	ug/kg	150	27.	1
Pyrene	100	J	ug/kg	110	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	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	54		18-120

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05
 Client ID: B03_2-4'
 Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 10:00
 Date Received: 06/23/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/29/23 14:56
 Analyst: LJC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/24/23 15:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	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	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05

Date Collected: 06/23/23 10:00

Client ID: B03_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05

Date Collected: 06/23/23 10:00

Client ID: B03_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	52		18-120

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 15:19

Analyst: LJC

Percent Solids: 89%

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	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	42		10-136
4-Terphenyl-d14	60		18-120

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 15:43

Analyst: LJC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	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	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	99	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	61	J	ug/kg	110	20.	1
Benzo(a)pyrene	59	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	72	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	63	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	35	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	69	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	140	25.	1
Pyrene	100	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	61		18-120

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:03

Analytical Date: 06/29/23 16:06

Analyst: LJC

Percent Solids: 91%

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	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		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	220	31.	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	20	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	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	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	57		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	52		18-120

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09
 Client ID: B05_1-3'
 Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 10:35
 Date Received: 06/23/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/29/23 16:30
 Analyst: LJJ
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/23 15:30

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	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09

Date Collected: 06/23/23 10:35

Client ID: B05_1-3'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-09**Date Collected:** 06/23/23 10:35**Client ID:** B05_1-3'**Date Received:** 06/23/23**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**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	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	62		18-120

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-10
 Client ID: B05_3-5'
 Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 10:40
 Date Received: 06/23/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/29/23 16:54
 Analyst: LJJ
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/24/23 15:30

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	33.	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	64	J	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	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-10

Date Collected: 06/23/23 10:40

Client ID: B05_3-5'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	37	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	36	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	36	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	76	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	61	J	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-10**Date Collected:** 06/23/23 10:40**Client ID:** B05_3-5'**Date Received:** 06/23/23**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**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	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	57		18-120

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:30

Analytical Date: 06/29/23 17:17

Analyst: LJJ

Percent Solids: 91%

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	ND		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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		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: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	56		18-120

Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/24/23 15:30

Analytical Date: 06/29/23 17:41

Analyst: LJC

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
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	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	43	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	40.	1
Benzo(a)anthracene	32	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	32	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	33	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	51	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	51	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	54		18-120

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/23 09:14
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/23 15:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1795757-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/23 09:14
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/23 15:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1795757-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/23 09:14
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/23 15:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1795757-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	60		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1795757-2 WG1795757-3								
Acenaphthene	71		60		31-137	17		50
1,2,4-Trichlorobenzene	65		58		38-107	11		50
Hexachlorobenzene	58		49		40-140	17		50
Bis(2-chloroethyl)ether	71		64		40-140	10		50
2-Chloronaphthalene	68		58		40-140	16		50
1,2-Dichlorobenzene	67		61		40-140	9		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	65		61		28-104	6		50
3,3'-Dichlorobenzidine	65		50		40-140	26		50
2,4-Dinitrotoluene	72		60		40-132	18		50
2,6-Dinitrotoluene	71		60		40-140	17		50
Fluoranthene	68		54		40-140	23		50
4-Chlorophenyl phenyl ether	61		53		40-140	14		50
4-Bromophenyl phenyl ether	60		52		40-140	14		50
Bis(2-chloroisopropyl)ether	98		87		40-140	12		50
Bis(2-chloroethoxy)methane	73		63		40-117	15		50
Hexachlorobutadiene	58		54		40-140	7		50
Hexachlorocyclopentadiene	53		47		40-140	12		50
Hexachloroethane	66		63		40-140	5		50
Isophorone	71		61		40-140	15		50
Naphthalene	69		60		40-140	14		50
Nitrobenzene	72		61		40-140	17		50
NDPA/DPA	68		58		36-157	16		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1795757-2 WG1795757-3								
n-Nitrosodi-n-propylamine	76		65		32-121	16		50
Bis(2-ethylhexyl)phthalate	68		64		40-140	6		50
Butyl benzyl phthalate	81		71		40-140	13		50
Di-n-butylphthalate	76		67		40-140	13		50
Di-n-octylphthalate	74		68		40-140	8		50
Diethyl phthalate	70		61		40-140	14		50
Dimethyl phthalate	67		57		40-140	16		50
Benzo(a)anthracene	71		60		40-140	17		50
Benzo(a)pyrene	82		64		40-140	25		50
Benzo(b)fluoranthene	77		61		40-140	23		50
Benzo(k)fluoranthene	69		55		40-140	23		50
Chrysene	70		56		40-140	22		50
Acenaphthylene	74		62		40-140	18		50
Anthracene	70		58		40-140	19		50
Benzo(ghi)perylene	72		55		40-140	27		50
Fluorene	66		55		40-140	18		50
Phenanthrene	70		56		40-140	22		50
Dibenzo(a,h)anthracene	70		53		40-140	28		50
Indeno(1,2,3-cd)pyrene	72		56		40-140	25		50
Pyrene	69		55		35-142	23		50
Biphenyl	68		58		37-127	16		50
4-Chloroaniline	68		54		40-140	23		50
2-Nitroaniline	73		60		47-134	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1795757-2 WG1795757-3								
3-Nitroaniline	59		44		26-129	29		50
4-Nitroaniline	67		53		41-125	23		50
Dibenzofuran	67		55		40-140	20		50
2-Methylnaphthalene	70		60		40-140	15		50
1,2,4,5-Tetrachlorobenzene	60		52		40-117	14		50
Acetophenone	76		66		14-144	14		50
2,4,6-Trichlorophenol	69		60		30-130	14		50
p-Chloro-m-cresol	77		61		26-103	23		50
2-Chlorophenol	75		62		25-102	19		50
2,4-Dichlorophenol	71		58		30-130	20		50
2,4-Dimethylphenol	71		58		30-130	20		50
2-Nitrophenol	76		65		30-130	16		50
4-Nitrophenol	80		60		11-114	29		50
2,4-Dinitrophenol	56		47		4-130	17		50
4,6-Dinitro-o-cresol	72		58		10-130	22		50
Pentachlorophenol	55		48		17-109	14		50
Phenol	76		61		26-90	22		50
2-Methylphenol	70		56		30-130	22		50
3-Methylphenol/4-Methylphenol	73		60		30-130	20		50
2,4,5-Trichlorophenol	70		58		30-130	19		50
Benzoic Acid	30		27		10-110	11		50
Benzyl Alcohol	77		65		40-140	17		50
Carbazole	74		58		54-128	24		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1795757-2 WG1795757-3								
1,4-Dioxane	53		51		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		64		25-120
Phenol-d6	74		59		10-120
Nitrobenzene-d5	72		60		23-120
2-Fluorobiphenyl	62		54		30-120
2,4,6-Tribromophenol	58		51		10-136
4-Terphenyl-d14	57		47		18-120

METALS

Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-01

Date Collected: 06/22/23 10:55

Client ID: B01_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	4060		mg/kg	8.65	2.34	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Antimony, Total	0.341	J	mg/kg	4.32	0.329	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.69		mg/kg	0.865	0.180	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Barium, Total	63.6		mg/kg	0.865	0.150	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.298	J	mg/kg	0.432	0.029	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.212	J	mg/kg	0.865	0.085	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Calcium, Total	2980		mg/kg	8.65	3.03	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Chromium, Total	9.03		mg/kg	0.865	0.083	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.42		mg/kg	1.73	0.144	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Copper, Total	16.3		mg/kg	0.865	0.223	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Iron, Total	10100		mg/kg	4.32	0.781	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Lead, Total	187		mg/kg	4.32	0.232	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Magnesium, Total	938		mg/kg	8.65	1.33	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Manganese, Total	209		mg/kg	0.865	0.138	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Mercury, Total	1.42		mg/kg	0.074	0.048	1	06/30/23 02:35	07/07/23 12:37	EPA 7471B	1,7471B	GMG
Nickel, Total	6.92		mg/kg	2.16	0.209	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Potassium, Total	615		mg/kg	216	12.4	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Selenium, Total	0.541	J	mg/kg	1.73	0.223	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.432	0.245	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Sodium, Total	148	J	mg/kg	173	2.72	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.2		mg/kg	0.865	0.176	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW
Zinc, Total	98.5		mg/kg	4.32	0.253	2	06/28/23 23:08	07/06/23 19:08	EPA 3050B	1,6010D	AMW



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-02

Date Collected: 06/22/23 11:00

Client ID: B01_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6240		mg/kg	8.85	2.39	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Antimony, Total	0.915	J	mg/kg	4.42	0.336	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Arsenic, Total	9.91		mg/kg	0.885	0.184	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Barium, Total	160		mg/kg	0.885	0.154	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.500		mg/kg	0.442	0.029	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.350	J	mg/kg	0.885	0.087	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Calcium, Total	4750		mg/kg	8.85	3.10	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Chromium, Total	14.9		mg/kg	0.885	0.085	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.61		mg/kg	1.77	0.147	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Copper, Total	38.0		mg/kg	0.885	0.228	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Iron, Total	15200		mg/kg	4.42	0.799	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Lead, Total	447		mg/kg	4.42	0.237	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Magnesium, Total	1900		mg/kg	8.85	1.36	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Manganese, Total	404		mg/kg	0.885	0.141	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Mercury, Total	4.14		mg/kg	0.159	0.104	2	06/30/23 02:35	07/07/23 14:01	EPA 7471B	1,7471B	GMG
Nickel, Total	12.9		mg/kg	2.21	0.214	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Potassium, Total	762		mg/kg	221	12.7	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Selenium, Total	1.06	J	mg/kg	1.77	0.228	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.442	0.250	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Sodium, Total	176	J	mg/kg	177	2.79	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Thallium, Total	0.496	J	mg/kg	1.77	0.279	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Vanadium, Total	20.8		mg/kg	0.885	0.180	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA
Zinc, Total	264		mg/kg	4.42	0.259	2	06/28/23 23:08	07/06/23 20:18	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-03

Date Collected: 06/22/23 13:10

Client ID: B02_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.04	2.44	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Antimony, Total	5.99		mg/kg	4.52	0.344	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Arsenic, Total	23.5		mg/kg	0.904	0.188	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Barium, Total	235		mg/kg	0.904	0.157	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.477		mg/kg	0.452	0.030	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.712	J	mg/kg	0.904	0.089	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Calcium, Total	2910		mg/kg	9.04	3.16	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Chromium, Total	25.0		mg/kg	0.904	0.087	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Cobalt, Total	4.38		mg/kg	1.81	0.150	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Copper, Total	59.5		mg/kg	0.904	0.233	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Iron, Total	23100		mg/kg	4.52	0.816	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Lead, Total	716		mg/kg	4.52	0.242	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Magnesium, Total	1490		mg/kg	9.04	1.39	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Manganese, Total	312		mg/kg	0.904	0.144	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Mercury, Total	2.75		mg/kg	0.087	0.057	1	06/30/23 02:35	07/07/23 12:54	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.26	0.219	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Potassium, Total	1500		mg/kg	226	13.0	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Selenium, Total	0.649	J	mg/kg	1.81	0.233	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.452	0.256	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Sodium, Total	167	J	mg/kg	181	2.85	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Thallium, Total	0.416	J	mg/kg	1.81	0.285	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Vanadium, Total	28.5		mg/kg	0.904	0.184	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA
Zinc, Total	518		mg/kg	4.52	0.265	2	06/28/23 23:08	07/06/23 20:21	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-04

Date Collected: 06/22/23 13:15

Client ID: B02_6-8'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6590		mg/kg	9.12	2.46	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Antimony, Total	0.509	J	mg/kg	4.56	0.347	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Arsenic, Total	3.56		mg/kg	0.912	0.190	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Barium, Total	28.1		mg/kg	0.912	0.159	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.459		mg/kg	0.456	0.030	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.324	J	mg/kg	0.912	0.089	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Calcium, Total	1250		mg/kg	9.12	3.19	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Chromium, Total	15.9		mg/kg	0.912	0.088	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.64		mg/kg	1.82	0.151	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Copper, Total	37.6		mg/kg	0.912	0.235	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Iron, Total	19500		mg/kg	4.56	0.824	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Lead, Total	73.5		mg/kg	4.56	0.244	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Magnesium, Total	1780		mg/kg	9.12	1.40	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Manganese, Total	245		mg/kg	0.912	0.145	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Mercury, Total	0.830		mg/kg	0.081	0.053	1	06/30/23 02:35	07/07/23 12:57	EPA 7471B	1,7471B	GMG
Nickel, Total	12.7		mg/kg	2.28	0.221	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Potassium, Total	1510		mg/kg	228	13.1	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Selenium, Total	0.540	J	mg/kg	1.82	0.235	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.456	0.258	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Sodium, Total	82.1	J	mg/kg	182	2.87	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Thallium, Total	0.424	J	mg/kg	1.82	0.287	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Vanadium, Total	30.0		mg/kg	0.912	0.185	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA
Zinc, Total	56.0		mg/kg	4.56	0.267	2	06/28/23 23:08	07/06/23 20:23	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-05

Date Collected: 06/23/23 10:00

Client ID: B03_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	13700		mg/kg	8.49	2.29	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Antimony, Total	1.02	J	mg/kg	4.25	0.323	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Arsenic, Total	4.00		mg/kg	0.849	0.177	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Barium, Total	55.8		mg/kg	0.849	0.148	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.891		mg/kg	0.425	0.028	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.362	J	mg/kg	0.849	0.083	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Calcium, Total	1990		mg/kg	8.49	2.97	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Chromium, Total	32.1		mg/kg	0.849	0.082	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.83		mg/kg	1.70	0.141	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Copper, Total	30.8		mg/kg	0.849	0.219	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Iron, Total	23800		mg/kg	4.25	0.767	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Lead, Total	7.81		mg/kg	4.25	0.228	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Magnesium, Total	4730		mg/kg	8.49	1.31	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Manganese, Total	609		mg/kg	0.849	0.135	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/30/23 02:35	07/07/23 13:01	EPA 7471B	1,7471B	GMG
Nickel, Total	30.7		mg/kg	2.12	0.206	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Potassium, Total	2760		mg/kg	212	12.2	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Selenium, Total	0.267	J	mg/kg	1.70	0.219	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Silver, Total	0.301	J	mg/kg	0.425	0.240	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Sodium, Total	134	J	mg/kg	170	2.68	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Thallium, Total	0.830	J	mg/kg	1.70	0.268	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Vanadium, Total	46.5		mg/kg	0.849	0.172	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA
Zinc, Total	56.9		mg/kg	4.25	0.249	2	06/28/23 23:08	07/06/23 20:26	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-06

Date Collected: 06/23/23 10:05

Client ID: B03_4-6'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8160		mg/kg	8.88	2.40	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Antimony, Total	0.527	J	mg/kg	4.44	0.338	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Arsenic, Total	3.15		mg/kg	0.888	0.185	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Barium, Total	36.1		mg/kg	0.888	0.154	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.467		mg/kg	0.444	0.029	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.231	J	mg/kg	0.888	0.087	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Calcium, Total	11500		mg/kg	8.88	3.11	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Chromium, Total	18.6		mg/kg	0.888	0.085	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.25		mg/kg	1.78	0.147	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Copper, Total	16.8		mg/kg	0.888	0.229	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Iron, Total	16600		mg/kg	4.44	0.802	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Lead, Total	11.6		mg/kg	4.44	0.238	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Magnesium, Total	2400		mg/kg	8.88	1.37	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Manganese, Total	376		mg/kg	0.888	0.141	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Mercury, Total	0.057	J	mg/kg	0.076	0.050	1	06/30/23 02:35	07/07/23 13:04	EPA 7471B	1,7471B	GMG
Nickel, Total	13.8		mg/kg	2.22	0.215	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Potassium, Total	1280		mg/kg	222	12.8	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.444	0.251	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Sodium, Total	154	J	mg/kg	178	2.80	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Thallium, Total	0.440	J	mg/kg	1.78	0.280	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Vanadium, Total	29.2		mg/kg	0.888	0.180	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA
Zinc, Total	28.1		mg/kg	4.44	0.260	2	06/28/23 23:08	07/06/23 20:29	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-07

Date Collected: 06/23/23 10:15

Client ID: B04_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6290		mg/kg	8.50	2.29	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Antimony, Total	1.10	J	mg/kg	4.25	0.323	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Arsenic, Total	11.4		mg/kg	0.850	0.177	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Barium, Total	581		mg/kg	0.850	0.148	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.349	J	mg/kg	0.425	0.028	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.361	J	mg/kg	0.850	0.083	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Calcium, Total	4280		mg/kg	8.50	2.97	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Chromium, Total	57.9		mg/kg	0.850	0.082	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Cobalt, Total	4.05		mg/kg	1.70	0.141	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Copper, Total	34.4		mg/kg	0.850	0.219	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Iron, Total	11800		mg/kg	4.25	0.767	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Lead, Total	470		mg/kg	4.25	0.228	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Magnesium, Total	1740		mg/kg	8.50	1.31	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Manganese, Total	181		mg/kg	0.850	0.135	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Mercury, Total	0.278		mg/kg	0.078	0.051	1	06/30/23 02:35	07/07/23 13:18	EPA 7471B	1,7471B	GMG
Nickel, Total	14.3		mg/kg	2.12	0.206	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Potassium, Total	540		mg/kg	212	12.2	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Silver, Total	0.251	J	mg/kg	0.425	0.240	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Sodium, Total	89.0	J	mg/kg	170	2.68	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Vanadium, Total	16.3		mg/kg	0.850	0.172	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA
Zinc, Total	79.0		mg/kg	4.25	0.249	2	06/28/23 23:08	07/06/23 20:32	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-08

Date Collected: 06/23/23 10:20

Client ID: B04_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	7610		mg/kg	8.46	2.28	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Antimony, Total	0.788	J	mg/kg	4.23	0.322	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Arsenic, Total	2.57		mg/kg	0.846	0.176	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Barium, Total	31.9		mg/kg	0.846	0.147	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.468		mg/kg	0.423	0.028	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.265	J	mg/kg	0.846	0.083	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Calcium, Total	4050		mg/kg	8.46	2.96	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Chromium, Total	27.6		mg/kg	0.846	0.081	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.15		mg/kg	1.69	0.140	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Copper, Total	18.6		mg/kg	0.846	0.218	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Iron, Total	16000		mg/kg	4.23	0.764	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Lead, Total	9.64		mg/kg	4.23	0.227	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Magnesium, Total	2870		mg/kg	8.46	1.30	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Manganese, Total	305		mg/kg	0.846	0.134	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/30/23 02:35	07/07/23 13:22	EPA 7471B	1,7471B	GMG
Nickel, Total	22.6		mg/kg	2.12	0.205	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Potassium, Total	801		mg/kg	212	12.2	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.423	0.239	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Sodium, Total	171		mg/kg	169	2.66	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Vanadium, Total	24.1		mg/kg	0.846	0.172	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA
Zinc, Total	34.4		mg/kg	4.23	0.248	2	06/28/23 23:08	07/06/23 20:34	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-09

Date Collected: 06/23/23 10:35

Client ID: B05_1-3'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	8.67	2.34	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Antimony, Total	0.387	J	mg/kg	4.33	0.329	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Arsenic, Total	3.73		mg/kg	0.867	0.180	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Barium, Total	80.0		mg/kg	0.867	0.151	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.669		mg/kg	0.433	0.029	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.231	J	mg/kg	0.867	0.085	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Calcium, Total	4490		mg/kg	8.67	3.03	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Chromium, Total	13.6		mg/kg	0.867	0.083	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.44		mg/kg	1.73	0.144	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Copper, Total	17.6		mg/kg	0.867	0.224	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Iron, Total	14500		mg/kg	4.33	0.783	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Lead, Total	38.0		mg/kg	4.33	0.232	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Magnesium, Total	1920		mg/kg	8.67	1.34	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Manganese, Total	553		mg/kg	0.867	0.138	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Mercury, Total	0.126		mg/kg	0.086	0.056	1	06/30/23 02:35	07/07/23 13:25	EPA 7471B	1,7471B	GMG
Nickel, Total	11.2		mg/kg	2.17	0.210	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Potassium, Total	614		mg/kg	217	12.5	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Selenium, Total	0.248	J	mg/kg	1.73	0.224	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.433	0.245	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Sodium, Total	124	J	mg/kg	173	2.73	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Thallium, Total	0.610	J	mg/kg	1.73	0.273	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Vanadium, Total	23.2		mg/kg	0.867	0.176	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA
Zinc, Total	34.7		mg/kg	4.33	0.254	2	06/28/23 23:08	07/06/23 20:37	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH**Lab Number:** L2336182**Project Number:** 0208731**Report Date:** 07/10/23**SAMPLE RESULTS**

Lab ID: L2336182-10

Date Collected: 06/23/23 10:40

Client ID: B05_3-5'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	9680		mg/kg	8.69	2.35	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Antimony, Total	0.937	J	mg/kg	4.35	0.330	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Arsenic, Total	2.58		mg/kg	0.869	0.181	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Barium, Total	45.1		mg/kg	0.869	0.151	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.585		mg/kg	0.435	0.029	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.285	J	mg/kg	0.869	0.085	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Calcium, Total	1710		mg/kg	8.69	3.04	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Chromium, Total	19.4		mg/kg	0.869	0.084	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.99		mg/kg	1.74	0.144	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Copper, Total	21.4		mg/kg	0.869	0.224	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Iron, Total	19600		mg/kg	4.35	0.785	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Lead, Total	8.04		mg/kg	4.35	0.233	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Magnesium, Total	2340		mg/kg	8.69	1.34	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Manganese, Total	589		mg/kg	0.869	0.138	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/30/23 02:35	07/07/23 13:28	EPA 7471B	1,7471B	GMG
Nickel, Total	14.9		mg/kg	2.17	0.210	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Potassium, Total	1370		mg/kg	217	12.5	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Selenium, Total	0.286	J	mg/kg	1.74	0.224	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.435	0.246	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Sodium, Total	101	J	mg/kg	174	2.74	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Thallium, Total	0.543	J	mg/kg	1.74	0.274	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Vanadium, Total	28.8		mg/kg	0.869	0.176	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA
Zinc, Total	35.3		mg/kg	4.35	0.255	2	06/28/23 23:08	07/06/23 20:40	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-11

Date Collected: 06/23/23 11:20

Client ID: B06_0-2'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	8640		mg/kg	8.71	2.35	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Antimony, Total	0.784	J	mg/kg	4.35	0.331	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Arsenic, Total	2.22		mg/kg	0.871	0.181	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Barium, Total	33.1		mg/kg	0.871	0.151	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.470		mg/kg	0.435	0.029	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.263	J	mg/kg	0.871	0.085	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Calcium, Total	3960		mg/kg	8.71	3.05	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Chromium, Total	17.3		mg/kg	0.871	0.084	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Cobalt, Total	7.68		mg/kg	1.74	0.144	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Copper, Total	15.7		mg/kg	0.871	0.225	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Iron, Total	16800		mg/kg	4.35	0.786	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Lead, Total	5.80		mg/kg	4.35	0.233	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Magnesium, Total	2990		mg/kg	8.71	1.34	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Manganese, Total	343		mg/kg	0.871	0.138	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.080	0.052	1	06/30/23 02:35	07/07/23 13:32	EPA 7471B	1,7471B	GMG
Nickel, Total	20.0		mg/kg	2.18	0.211	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Potassium, Total	1610		mg/kg	218	12.5	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.74	0.225	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.435	0.246	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Sodium, Total	178		mg/kg	174	2.74	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Thallium, Total	0.298	J	mg/kg	1.74	0.274	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Vanadium, Total	26.8		mg/kg	0.871	0.177	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA
Zinc, Total	30.6		mg/kg	4.35	0.255	2	06/28/23 23:08	07/06/23 20:43	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-12

Date Collected: 06/23/23 11:25

Client ID: B06_2-4'

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, 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	7000		mg/kg	8.95	2.42	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Antimony, Total	0.578	J	mg/kg	4.48	0.340	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Arsenic, Total	2.17		mg/kg	0.895	0.186	2	06/28/23 23:08	07/09/23 13:54	EPA 3050B	1,6010D	AMW
Barium, Total	41.1		mg/kg	0.895	0.156	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.346	J	mg/kg	0.448	0.030	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.200	J	mg/kg	0.895	0.088	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Calcium, Total	28100		mg/kg	8.95	3.13	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Chromium, Total	14.1		mg/kg	0.895	0.086	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.30		mg/kg	1.79	0.148	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Copper, Total	14.0		mg/kg	0.895	0.231	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Iron, Total	11700		mg/kg	4.48	0.808	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Lead, Total	26.0		mg/kg	4.48	0.240	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Magnesium, Total	2560		mg/kg	8.95	1.38	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Manganese, Total	244		mg/kg	0.895	0.142	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Mercury, Total	0.112		mg/kg	0.081	0.053	1	06/30/23 02:35	07/07/23 13:35	EPA 7471B	1,7471B	GMG
Nickel, Total	11.6		mg/kg	2.24	0.216	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Potassium, Total	1430		mg/kg	224	12.9	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/28/23 23:08	07/09/23 13:54	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.448	0.253	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Sodium, Total	798		mg/kg	179	2.82	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Vanadium, Total	17.3		mg/kg	0.895	0.182	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA
Zinc, Total	30.8		mg/kg	4.48	0.262	2	06/28/23 23:08	07/06/23 21:02	EPA 3050B	1,6010D	TAA



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

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): 01-12 Batch: WG1797376-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Iron, Total	ND		mg/kg	2.00	0.361	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/28/23 23:08	07/06/23 18:19	1,6010D	AMW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1797824-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/30/23 02:35	07/07/23 12:24	1,7471B	GMG



Project Name: 103 WALWORTH

Lab Number: L2336182

Project Number: 0208731

Report Date: 07/10/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1797376-2 SRM Lot Number: D119-540								
Aluminum, Total	79		-		48-152	-		
Antimony, Total	105		-		10-190	-		
Arsenic, Total	98		-		83-117	-		
Barium, Total	102		-		82-118	-		
Beryllium, Total	103		-		83-117	-		
Cadmium, Total	112		-		82-117	-		
Calcium, Total	100		-		81-118	-		
Chromium, Total	105		-		82-119	-		
Cobalt, Total	108		-		83-117	-		
Copper, Total	104		-		84-116	-		
Iron, Total	95		-		60-140	-		
Lead, Total	100		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	100		-		82-118	-		
Nickel, Total	108		-		82-117	-		
Potassium, Total	92		-		70-130	-		
Selenium, Total	103		-		79-121	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	108		-		74-126	-		
Thallium, Total	108		-		81-119	-		
Vanadium, Total	102		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1797376-2 SRM Lot Number: D119-540					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1797824-2 SRM Lot Number: D119-540					
Mercury, Total	93	-	73-127	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

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): 01-12			QC Batch ID: WG1797376-3			QC Sample: L2336036-21			Client ID: MS Sample			
Aluminum, Total	6120	183	10100	2180	Q	-	-		75-125	-		20
Antimony, Total	1.57J	45.7	33.4	73	Q	-	-		75-125	-		20
Arsenic, Total	5.14	11	18.8	125		-	-		75-125	-		20
Barium, Total	72.8	183	244	94		-	-		75-125	-		20
Beryllium, Total	0.342	4.57	4.60	93		-	-		75-125	-		20
Cadmium, Total	0.378J	4.84	4.64	96		-	-		75-125	-		20
Calcium, Total	36600	913	55200	2040	Q	-	-		75-125	-		20
Chromium, Total	18.0	18.3	41.0	126	Q	-	-		75-125	-		20
Cobalt, Total	3.42	45.7	42.1	85		-	-		75-125	-		20
Copper, Total	31.1	22.8	59.2	123		-	-		75-125	-		20
Iron, Total	10500	91.3	13800	3610	Q	-	-		75-125	-		20
Lead, Total	106	48.4	210	215	Q	-	-		75-125	-		20
Magnesium, Total	3970	913	5620	181	Q	-	-		75-125	-		20
Manganese, Total	169	45.7	288	260	Q	-	-		75-125	-		20
Nickel, Total	16.4	45.7	59.6	94		-	-		75-125	-		20
Potassium, Total	1090	913	2620	168	Q	-	-		75-125	-		20
Selenium, Total	0.241J	11	12.5	114		-	-		75-125	-		20
Silver, Total	0.217J	4.57	4.53	99		-	-		75-125	-		20
Sodium, Total	350	913	1500	126	Q	-	-		75-125	-		20
Thallium, Total	0.392J	11	11.1	101		-	-		75-125	-		20
Vanadium, Total	47.1	45.7	91.3	97		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

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): 01-12			QC Batch ID: WG1797376-3			QC Sample: L2336036-21		Client ID: MS Sample		
Zinc, Total	99.6	45.7	163	139	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-12			QC Batch ID: WG1797824-3			QC Sample: L2336182-01		Client ID: B01_0-2'		
Mercury, Total	1.42	1.52	3.39	130	Q	-	-	80-120	-	20

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2336182
Report Date: 07/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1797376-4 QC Sample: L2336036-21 Client ID: DUP Sample						
Lead, Total	106	131	mg/kg	21	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1797824-4 QC Sample: L2336182-01 Client ID: B01_0-2'						
Mercury, Total	1.42	1.59	mg/kg	11		20

INORGANICS & MISCELLANEOUS

Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-01**Client ID:** B01_0-2'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/22/23 10:55**Date Received:** 06/23/23**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	90.9		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-02**Client ID:** B01_6-8'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/22/23 11:00**Date Received:** 06/23/23**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	89.5		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-03**Client ID:** B02_0-2'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/22/23 13:10**Date Received:** 06/23/23**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	84.5		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-04**Client ID:** B02_6-8'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/22/23 13:15**Date Received:** 06/23/23**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	86.9		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

SAMPLE RESULTS

Lab ID: L2336182-05

Client ID: B03_2-4'

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 10:00

Date Received: 06/23/23

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	91.4		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-06**Client ID:** B03_4-6'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 10:05**Date Received:** 06/23/23**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	89.4		%	0.100	NA	1	-	06/24/23 10:43	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-07**Client ID:** B04_0-2'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 10:15**Date Received:** 06/23/23**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	90.2		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-08**Client ID:** B04_2-4'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 10:20**Date Received:** 06/23/23**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	91.2		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-09**Client ID:** B05_1-3'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 10:35**Date Received:** 06/23/23**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	89.0		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-10**Client ID:** B05_3-5'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 10:40**Date Received:** 06/23/23**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	87.8		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-11**Client ID:** B06_0-2'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 11:20**Date Received:** 06/23/23**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	91.3		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336182**Report Date:** 07/10/23**SAMPLE RESULTS****Lab ID:** L2336182-12**Client ID:** B06_2-4'**Sample Location:** 103 WALWORTH ST. BROOKLYN, NY**Date Collected:** 06/23/23 11:25**Date Received:** 06/23/23**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	87.7		%	0.100	NA	1	-	06/24/23 10:55	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336182

Report Date: 07/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1795635-1 QC Sample: L2336182-01 Client ID: B01_0-2'						
Solids, Total	90.9	89.5	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 07-12 QC Batch ID: WG1795638-1 QC Sample: L2336181-01 Client ID: DUP Sample						
Solids, Total	79.0	75.8	%	4		20

Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No: 07102313:32
Lab Number: L2336182
Report Date: 07/10/23

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(*)
L2336182-01A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-01B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-01C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-01D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2336182-01F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-02A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-02B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-02C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-02D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2336182-02F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-03A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-03B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-03C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-03D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)

Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No:07102313:32
Lab Number: L2336182
Report Date: 07/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2336182-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),SE-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2336182-03F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-04A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-04B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-04C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-04D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2336182-04F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-05A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-05B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-05C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-05D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2336182-05F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-06A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-06B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-06C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-06D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)

Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No:07102313:32
Lab Number: L2336182
Report Date: 07/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2336182-06F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-07A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-07B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-07C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-07D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2336182-07F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-08A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-08B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-08C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-08D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2336182-08F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-09A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-09B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-09C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-09D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2336182-09F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-10A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-10B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)

Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No: 07102313:32
Lab Number: L2336182
Report Date: 07/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2336182-10C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-10D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2336182-10F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-11A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-11B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-11C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-11D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2336182-11F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)
L2336182-12A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2336182-12B	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-12C	Vial water preserved	A	NA		4.4	Y	Absent	24-JUN-23 02:08	NYTCL-8260HLW(14)
L2336182-12D	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2336182-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2336182-12F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14)

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

Data Qualifiers

Identified Compounds (TICs).

- 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.)

Report Format: DU Report with 'J' Qualifiers



Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336182
Report Date: 07/10/23

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 it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

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



Certification Information

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

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

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

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

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, SM9221E, 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 2		Date Rec'd in Lab 06/23/23		ALPHA Job # L0336187	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: 103 Walworth Project Location: 103 Walworth St. Brooklyn, NY Project # 0208731 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☒ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: Haley & Alanch Address: 237 W 35th St. New York, NY Phone: 201-978-7871 Fax: Email: EScheverman@haleyalanch.com		Project Manager: Elizabeth Scheverman ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments:		ANALYSIS VOCs (8260C) SVOCs (8270D) TAL Metals (6010D)		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)		Total Bottles	
Please specify Metals or TAL.		ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix Sampler's Initials	
36187-01		B01-0-2'		6/22/23 1055		S MC		X X X	
-02		B01-6-8'		6/22/23 1100		S MC		X X X	
-03		B02-0-2'		6/22/23 1310		S MC		X X X	
-04		B02-6-8'		6/22/23 1315		S MC		X X X	
-05		B03-2-4'		6/23/23 1000		S MC		X X X	
-06		B03-4-6'		6/23/23 1005		S MC		X X X	
-07		B04-0-2'		6/23/23 1015		S MC		X X X	
-08		B04-2-4'		6/23/23 1020		S MC		X X X	
-09		B05-1-3'		6/23/23 1035		S MC		X X X	
-10		B05-3-5'		6/23/23 1040		S MC		X X X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A A		Preservative F A A	
Relinquished By:		Date/Time		Received By:		Date/Time		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.)	
Matthew C. [Signature]		6/23/23 12:42		[Signature]		6/23/23 12:42			
[Signature]		6/23/23 16:20		Paul Mazzella		6/23/23 16:20			
Paul Mazzella		6/23/23		[Signature]		6/23/23 20:20			
[Signature]		6/23/23 22:30		[Signature]		6/23/23 22:30			

Page 146 of 146



ANALYTICAL REPORT

Lab Number:	L2336218
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	103 WALWORTH
Project Number:	0208731
Report Date:	07/03/23

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-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 (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

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



Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2336218-01	SV02	SOIL_VAPOR	103 WALWORTH ST. BROOKLYN, NY	06/23/23 11:04	06/23/23

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

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: 103 WALWORTH**Lab Number:** L2336218**Project Number:** 0208731**Report Date:** 07/03/23**Case Narrative (continued)**

Volatile Organics in Air

Canisters were released from the laboratory on June 23, 2023. The canister certification results are provided as an addendum.

L2336218-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of 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: 07/03/23

AIR

Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336218**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336218-01 D

Client ID: SV02

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 11:04

Date Received: 06/23/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/29/23 02:30

Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	36.3	25.0	--	68.4	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	16.7	5.00	--	39.7	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	ND	2.50	--	ND	7.37	--		5
cis-1,2-Dichloroethene	1.30	1.00	--	5.15	3.96	--		5



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336218**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336218-01 D

Client ID: SV02

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

Date Collected: 06/23/23 11:04

Date Received: 06/23/23

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	3.32	2.50	--	12.0	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	12.5	1.00	--	67.2	5.37	--		5
2,2,4-Trimethylpentane	1.80	1.00	--	8.41	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	4.54	1.00	--	17.1	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	316	1.00	--	2140	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5



Project Name: 103 WALWORTH**Lab Number:** L2336218**Project Number:** 0208731**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336218-01 D

Date Collected: 06/23/23 11:04

Client ID: SV02

Date Received: 06/23/23

Sample Location: 103 WALWORTH ST. BROOKLYN, NY

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	2.92	2.00	--	12.7	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.13	1.00	--	4.91	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140



Project Name: 103 WALWORTH

Lab Number: L2336218

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/28/23 14:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1797404-4								
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: 103 WALWORTH

Lab Number: L2336218

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/28/23 14:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1797404-4								
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: 103 WALWORTH

Lab Number: L2336218

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/28/23 14:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1797404-4								
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336218

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1797404-3								
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	103		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	104		-		70-130	-		
Chloroethane	94		-		70-130	-		
Ethanol	72		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	93		-		40-160	-		
Trichlorofluoromethane	99		-		70-130	-		
Isopropanol	90		-		40-160	-		
1,1-Dichloroethene	97		-		70-130	-		
Tertiary butyl Alcohol	88		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	95		-		70-130	-		
Carbon disulfide	95		-		70-130	-		
Freon-113	98		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	99		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336218

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1797404-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	105		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
1,2-Dichloroethane	98		-		70-130	-		
n-Hexane	87		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	86		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	90		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	110		-		70-130	-		
trans-1,3-Dichloropropene	94		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	89		-		70-130	-		
2-Hexanone	93		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336218

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1797404-3								
Tetrachloroethene	98		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	92		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	93		-		70-130	-		
1,2,4-Trimethylbenzene	99		-		70-130	-		
Benzyl chloride	93		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
1,2-Dichlorobenzene	102		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Project Name: 103 WALWORTH

Project Number: 0208731

Serial_No:07032317:07
Lab Number: L2336218

Report Date: 07/03/23

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
L2336218-01	SV02	01713	Flow 3	06/23/23	428337		-	-	-	Pass	18.0	17.5	3
L2336218-01	SV02	3426	2.7L Can	06/23/23	428337	L2334816-06	Pass	-30.1	-3.2	-	-	-	-

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

Lab Number: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 06/20/23 02:47
Analyst: RAY

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: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
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: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
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: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
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:** L2334816**Project Number:** CANISTER QC BAT**Report Date:** 07/03/23**Air Canister Certification Results**

Lab ID: L2334816-06

Date Collected: 06/19/23 09:00

Client ID: CAN 2434 SHELF 1

Date Received: 06/19/23

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	92		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	105		60-140

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

Lab Number: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 06/20/23 02:47
Analyst: RAY

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: L2334816
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2334816-06
Client ID: CAN 2434 SHELF 1
Sample Location:

Date Collected: 06/19/23 09:00
Date Received: 06/19/23
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:** L2334816**Project Number:** CANISTER QC BAT**Report Date:** 07/03/23**Air Canister Certification Results**

Lab ID: L2334816-06

Date Collected: 06/19/23 09:00

Client ID: CAN 2434 SHELF 1

Date Received: 06/19/23

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	92		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	106		60-140

Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No:07032317:07
Lab Number: L2336218
Report Date: 07/03/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2336218-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336218
Report Date: 07/03/23

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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.

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, SM9221E, 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.



ANALYTICAL REPORT

Lab Number:	L2336063
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	103 WALWORTH
Project Number:	0208731
Report Date:	07/03/23

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-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 (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

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



Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2336063-01	SV01	SOIL_VAPOR	103 WALWORTH ST., BROOKLYN, NY	06/22/23 12:00	06/22/23
L2336063-02	UNUSED_CAN 2731	SOIL_VAPOR	103 WALWORTH ST., BROOKLYN, NY		06/22/23

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 22, 2023. The canister certification results are provided as an addendum.

L2336063-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of 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: 07/03/23

AIR

Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336063**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336063-01 D

Client ID: SV01

Sample Location: 103 WALWORTH ST., BROOKLYN, NY

Date Collected: 06/22/23 12:00

Date Received: 06/22/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/27/23 08:07

Analyst: APR

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	92.5	12.5	--	174	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	825	2.50	--	1960	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	1.62	1.25	--	3.98	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	0.938	0.500	--	2.92	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	3.18	1.25	--	9.38	3.69	--		2.5
cis-1,2-Dichloroethene	6.11	0.500	--	24.2	1.98	--		2.5



Project Name: 103 WALWORTH**Project Number:** 0208731**Lab Number:** L2336063**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336063-01 D

Client ID: SV01

Sample Location: 103 WALWORTH ST., BROOKLYN, NY

Date Collected: 06/22/23 12:00

Date Received: 06/22/23

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	1.25	--	ND	4.50	--		2.5
Chloroform	0.545	0.500	--	2.66	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	145	0.500	--	511	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	0.832	0.500	--	2.66	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.59	0.500	--	5.47	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	3.83	0.500	--	20.6	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	1.50	0.500	--	6.15	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	12.2	0.500	--	46.0	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	52.8	0.500	--	358	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	20.5	0.500	--	89.0	2.17	--		2.5



Project Name: 103 WALWORTH**Lab Number:** L2336063**Project Number:** 0208731**Report Date:** 07/03/23**SAMPLE RESULTS**

Lab ID: L2336063-01 D

Date Collected: 06/22/23 12:00

Client ID: SV01

Date Received: 06/22/23

Sample Location: 103 WALWORTH ST., BROOKLYN, NY

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	80.9	1.00	--	351	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	20.2	0.500	--	87.7	2.17	--		2.5
4-Ethyltoluene	ND	0.500	--	ND	2.46	--		2.5
1,3,5-Trimethylbenzene	ND	0.500	--	ND	2.46	--		2.5
1,2,4-Trimethylbenzene	ND	0.500	--	ND	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	88		60-140



Project Name: 103 WALWORTH

Lab Number: L2336063

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/26/23 19:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1796314-4								
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: 103 WALWORTH

Lab Number: L2336063

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/26/23 19:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1796314-4								
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: 103 WALWORTH

Lab Number: L2336063

Project Number: 0208731

Report Date: 07/03/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/26/23 19:01

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1796314-4								
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336063

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1796314-3								
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	71		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethanol	77		-		40-160	-		
Vinyl bromide	76		-		70-130	-		
Acetone	88		-		40-160	-		
Trichlorofluoromethane	84		-		70-130	-		
Isopropanol	70		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	94		-		70-130	-		
Methylene chloride	80		-		70-130	-		
3-Chloropropene	90		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	82		-		70-130	-		
1,1-Dichloroethane	82		-		70-130	-		
Methyl tert butyl ether	81		-		70-130	-		
2-Butanone	78		-		70-130	-		
cis-1,2-Dichloroethene	85		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336063

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1796314-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	87		-		70-130	-		
Tetrahydrofuran	76		-		70-130	-		
1,2-Dichloroethane	73		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	84		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	88		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	89		-		70-130	-		
Bromodichloromethane	99		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	101		-		70-130	-		
Heptane	86		-		70-130	-		
cis-1,3-Dichloropropene	96		-		70-130	-		
4-Methyl-2-pentanone	87		-		70-130	-		
trans-1,3-Dichloropropene	89		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Toluene	90		-		70-130	-		
2-Hexanone	86		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 103 WALWORTH

Project Number: 0208731

Lab Number: L2336063

Report Date: 07/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1796314-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	92		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	92		-		70-130	-		
4-Ethyltoluene	91		-		70-130	-		
1,3,5-Trimethylbenzene	100		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	84		-		70-130	-		
1,3-Dichlorobenzene	90		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	90		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
Hexachlorobutadiene	80		-		70-130	-		

Project Name: 103 WALWORTH

Project Number: 0208731

Serial_No:07032313:51
Lab Number: L2336063

Report Date: 07/03/23

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
L2336063-01	SV01	0927	Flow 3	06/22/23	428164		-	-	-	Pass	18.0	18.8	4
L2336063-01	SV01	2735	2.7L Can	06/22/23	428164	L2333920-06	Pass	-30.1	-5.4	-	-	-	-
L2336063-02	UNUSED_CAN 2731	01997	Flow 4	06/22/23	428164		-	-	-	Pass	18.0	16.8	7
L2336063-02	UNUSED_CAN 2731	2731	2.7L Can	06/22/23	428164	L2333920-06	Pass	-30.2	-17.0	-	-	-	-

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

Lab Number: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 06/17/23 02:06
Analyst: RAY

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: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
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: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
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: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
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:** L2333920**Project Number:** CANISTER QC BAT**Report Date:** 07/03/23**Air Canister Certification Results**

Lab ID: L2333920-06

Date Collected: 06/15/23 08:00

Client ID: CAN 3752 SHELF 14

Date Received: 06/15/23

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	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

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

Lab Number: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 06/17/23 02:06
Analyst: RAY

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: L2333920
Report Date: 07/03/23

Air Canister Certification Results

Lab ID: L2333920-06
Client ID: CAN 3752 SHELF 14
Sample Location:

Date Collected: 06/15/23 08:00
Date Received: 06/15/23
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:** L2333920**Project Number:** CANISTER QC BAT**Report Date:** 07/03/23**Air Canister Certification Results**

Lab ID: L2333920-06

Date Collected: 06/15/23 08:00

Client ID: CAN 3752 SHELF 14

Date Received: 06/15/23

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	93		60-140
chlorobenzene-d5	96		60-140



Project Name: 103 WALWORTH
Project Number: 0208731

Serial_No:07032313:51
Lab Number: L2336063
Report Date: 07/03/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2336063-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2336063-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()

Project Name: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

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: 103 WALWORTH
Project Number: 0208731

Lab Number: L2336063
Report Date: 07/03/23

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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.

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, SM4500CI-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, SM9221E, 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.



CHAIN OF CUSTODY

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

Client Information

Client: Haley & Alanch
Address: 237 W 35th St
New York, NY
Phone: 201-978-7871

Fax:

Email: EScheverman@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name:	103 Walworth	☐ R
Project Location:	103 Walworth St., Brooklyn, NY	☐ A
Project #:	0208731	
Project Manager:	Elizabeth Scheverman	☐ R
ALPHA Quote #:		☐ A

Turn-Around Time

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

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: **CAT B**
☐ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)

ALPHA Job #: 12336063

Billing Information

☒ Same as Client info	PO #:
---	-------

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYS	Pt. 375	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[illegible]

*SAMPLE MATRIX CODES

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

Container Type

CS

Relinquished By:

Date/Time

Received By:

Date/Time:

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