30 August 2022
File No. 0205892-001

Via Electronic Mail

Joel Fried
374 Wallabout Street
Brooklyn, NY 11211

Attention: Mr. Joel Fried

RE: Limited Phase II Environmental Site Investigation Report
374 Wallabout Street
Brooklyn, New York

Dear Mr. Fried:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to Mr. Joel Fried summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at 374 Wallabout Street, Brooklyn, New York (the Site) on 28 June 2022.

BACKGROUND

The Site, identified as Block 2266 Lot 13 on the New York City tax map in a residential R7-A zoning area, is approximately 2,500 square feet (sf) in size and improved with a vacant three-story building. The building includes a cellar level. The Site is bound to the north by Wallabout Street followed by an industrial-use garage and multi-story residential building, by multi-story residential buildings to the south and, east, and to the west by a property under construction for development of a multi-story residential building. The Site is located within an urban area characterized by multi-story commercial and residential buildings.

At this time, we understand the development, while in conceptual design, will include a cellar extending approximately 12 feet below grade surface (ft bgs) through the entirety of the footprint.

Based on a Phase I Environmental Site Assessment (ESA) completed by Haley & Aldrich for the Site in July 2022, the Site has been utilized as a residential property since the late-1880s. The Phase I ESA revealed one Recognized Environmental Conditions (RECs) in connection with the Site. The property located upgradient and south-adjacent to the subject site, known as Pfizer Sites B & D, was formerly subject to investigation and remediation within the Brownfield Cleanup Program (BCP). The primary contaminants of concern included chlorinated VOCs in groundwater, soil, and soil vapor. Remedial action was conducted, and engineering controls were implemented to prevent future migration or contact with contamination left at the site. Further, the most recent groundwater sampling event (conducted in April 2021) indicated concentrations of chlorinated VOCs above regulatory criteria in groundwater samples collected from monitoring wells located both north and south of the subject site. While this property has been remediated under the BCP and implemented engineering controls to

address the residual contamination, due to known chlorinated VOC contamination in both soil vapor and groundwater, and proximity of the Pfizer Sites B & D located hydraulically upgradient to the subject site, impacted soil vapor and/or groundwater may have migrated and be present at subject site.

Historical use of the surrounding properties likely up- and cross-gradient to the Site were for industrial and manufacturing purposes. Historical use of adjoining and likely up-gradient properties included auto body, manufacturing, low rise dwellings, and a garage. Auto body and manufacturing facilities may have included the use and disposal of hazardous materials and petroleum.

SUBSURFACE INVESTIGATION

On 28 June 2022, Haley & Aldrich mobilized to the Site with Lakewood Environmental Services, Corp. (Lakewood) to perform the Limited Phase II ESI which included installation of four soil borings, two temporary groundwater monitoring wells and two sub-slab vapor points using a limited access demolition hammer.

A Haley & Aldrich field personnel was on-site to document field observations and collect soil, groundwater, and soil vapor samples. Boring locations were chosen to assess the potential impacts from on-site sources and from existing site conditions. The four soil borings (B-1 through B-4) were installed in the rear yard of the Site to depths ranging from 12-14 feet below grade surface (ft bgs). Terminal depths of soil borings varied based on the subsurface conditions encountered during installation. Two temporary groundwater monitoring wells, TW-1 and TW-2, were installed in the rear yard to 16 ft bgs, adjacent to respective soil borings (B-1 and B-2), respectively. Lastly, two sub-slab soil vapor points, SS-1 and SS-2, were installed approximately 1 ft below the concrete floor slab located in the cellar of the building.

Urban fill generally consisting of brown to gray, coarse to medium sand with silt and varying amounts of asphalt, brick, plastic was observed from surface grade to approximately 6 to 8 ft bgs in each soil boring. The urban fill layer was underlain by a potential native layer consisting of light brown to orange-brown coarse to medium sand with varying amounts of silt, gravel and clay. Soil cores 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). Petroleum-like odors and staining were observed in three soil borings: B-1 and B-2 between 7-8 ft bgs; and B-4 between 5-8 ft bgs. PID readings of non-detect at 0.0 parts per million (ppm) to 0.1 ppm were recorded in site-wide soils. Soil borings logs are included in Attachment A. During the investigation, groundwater was encountered at a depth of approximately 11.15 ft bgs at TW-1 and 12.10 ft bgs at TW-2. Temporary monitoring well purge logs are included in Attachment B.

One shallow soil sample was collected at each soil boring location, specifically, from the 0-2 ft bgs depth interval at B-1 and B-4 and the 1-3 ft bgs depth interval at B-2 and B-3. A second soil sample was collected from two locations as a result of petroleum-like odors and staining observed in deeper soils, specifically, at soil boring B-2 from 6-8 ft bgs and soil boring B-4 from 4-6 ft bgs. A total of six soil samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. One groundwater sample was collected from each temporary monitoring well for a total of two groundwater samples. Groundwater samples were analyzed for VOCs. Two sub-slab soil vapor samples were collected from the cellar of the site building. Sub-slab soil vapor samples were collected over a 2-hour period in 2.7L stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs. Sample locations are presented in Figure 1. Samples were collected

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

RESULTS

Full analytical results for soil, groundwater, and soil vapor are provided in Tables 1-3, detections above regulatory criteria and/or guidance values are summarized in Figures 2-4, and laboratory analytical reports are provided in Attachment C.

Soil

Soil analytical results were compared to NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted-Residential Use Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater SCOs (PGWSCOs).

SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were identified in shallow soil samples at concentrations exceeding UUSCOs, RRSCOS and PGWSCOs. Concentrations of four SVOCs exceeded RRSCOs, including: benzo(a)anthracene (maximum concentration 2.6 milligrams per kilogram [mg/kg] in B-2 [1-3']) which also exceeds the PGWSCO; benzo(a)pyrene (maximum concentration 2.2 mg/kg in B-2 [1-3']); benzo(b)fluoranthene (maximum concentration 2.6 mg/kg in B-2 [1-3']), which also exceeds the PGWSCO; and, indeno(1,2,3-cd)pyrene (maximum concentration 1.2 mg/kg in B-2 [1-3']). One PAH, chrysene, was detected above the UUSCO and PGWSCO (maximum concentration 2.5 mg/kg in B-2 [1-3']), but below the RRSCO, in two shallow soil samples.

One VOC, acetone, was identified at a concentration above the UUSCO and PGWSCO in one soil sample, B-4 (4-6'), at a concentration of 0.063 mg/kg.

Metals were identified in soil samples at concentrations exceeding UUSCOs, RRSCOS and PGWSCOs. Concentrations of four metals exceeded RRSCOs and PGWSCOs, including: arsenic [maximum concentration of 16.8 mg/kg in B-1 (0-2')], copper [maximum concentration of 2,080 mg/kg in B-4 (0-2')], lead [maximum concentration 722 mg/kg in B-2 (1-3')], and mercury [maximum concentration 4.11 mg/kg in B-1 (0-2')]. Three metals were detected above UUSCOs, but below RRSCOs, including: zinc [maximum concentration of 660 mg/kg in B-1 (0-2')]; selenium in B-1 (0-2') at a concentration of 9.69 mg/kg, which also exceeds the PGWSCO; and, silver in B-4 (0-2') at a concentration of 3.12 mg/kg.

It should be noted that one chlorinated VOC (CVOC), cis-1,2-dichloroethene, was detected in two soil samples collected from deeper soil intervals (i.e., between 4-8 ft bgs), at a maximum concentration of 0.0026 mg/kg at B-2 (6-8'). Although concentrations of cis-1,2-dichloroethene did not the exceed comparison criteria, detectable concentrations of CVOCs are present at the Site in soil at depths ranging from 4-8 ft bgs.

Full soil analytical results are provided in Table 1 and laboratory reports are included in Attachment C.

Groundwater

Groundwater analytical results were compared to 6NYCRR Part 703.5 NYSDEC Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards (AWQS).

Two CVOCs were detected above AWQS in one groundwater sample analyzed, TW-1, including cis-1,2-dichloroethene at a concentration of 14 micrograms per liter (µg/L) and vinyl chloride at a concentration of 9.8 µg/L. One CVOC, trichloroethene, was detected above the laboratory detection limit but below the AWQS in one groundwater sample analyzed, TW-1, at a concentration of 0.2 µg/L. VOCs were not detected above the AWQS in the groundwater sample collected from TW-2.

Full groundwater analytical results are provided in Table 2 and the laboratory report included in Attachment C.

Soil Vapor

Total VOC concentrations in sub-slab soil vapor samples ranged from 113.95 micrograms per cubic meter (µg/m^3) in sample SS-1 to 122.735 µg/m^3 in SS-2. Total benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations ranged from 14.23 µg/m^3 in SS-1 to 29.298 µg/m^3 in SS-2. Total concentration of CVOCs in sub-slab soil vapor samples ranged from 2.39 µg/m^3 in SS-2 to 40.23 µg/m^3 in SS-1.

No standard currently exists for soil vapor samples in New York State. Soil vapor analytical results were compared to the NYSDOH Air Guideline Values (AGV) specified in the NYSDOH guidance document. Tetrachloroethene (PCE) was detected above the AGV of 2 µg/m^3 in one sub-slab soil vapor sample analyzed, SS-1, at a concentration of 33.3 µg/m^3. No other VOCs exceeded the NYSDOH AGVs; however, it should be noted that detectable concentrations of the following CVOCs were identified in sub-slab soil vapor samples: 1,1,1-trichloroethane in SS-1 at a concentration of 6.93 µg/m^3; and, PCE in SS-2 at a concentration of 2.39 µg/m^3.

Full soil vapor analytical results are provided in Table 3 and the laboratory report in Attachment C.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results identified urban fill contaminated with heavy metals and SVOCs (specifically PAHs) at concentrations consistent with characteristics of urban fill found throughout the New York City area. SVOCs and total metals exceeding RRSCOs were observed widely distributed throughout the Site in urban fill at the surface to depths of about 6 feet bgs. Additionally, CVOC contamination was identified in groundwater in the southern/eastern region of Site, specifically, cis-1,2-dichloroethene and vinyl chloride at concentrations exceeding AWQS. CVOCs are also present at the Site in soil and soil vapor located above the groundwater table, including: PCE and 1,1,1-trichloroethane in sub-slab soil vapor, with PCE detected above the AGV in the northern region of the Site; and, cis-1,2-dichloroethene in soil between 4-8 ft bgs in the southern region of the Site. The presence of CVOC contamination in groundwater, coupled with the presence of CVOCs above the groundwater table (in soil and soil vapor), indicates that a nearby source may exist. Further investigation would be required to determine the potential on-site/off-site source of CVOC contamination at the Site.

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

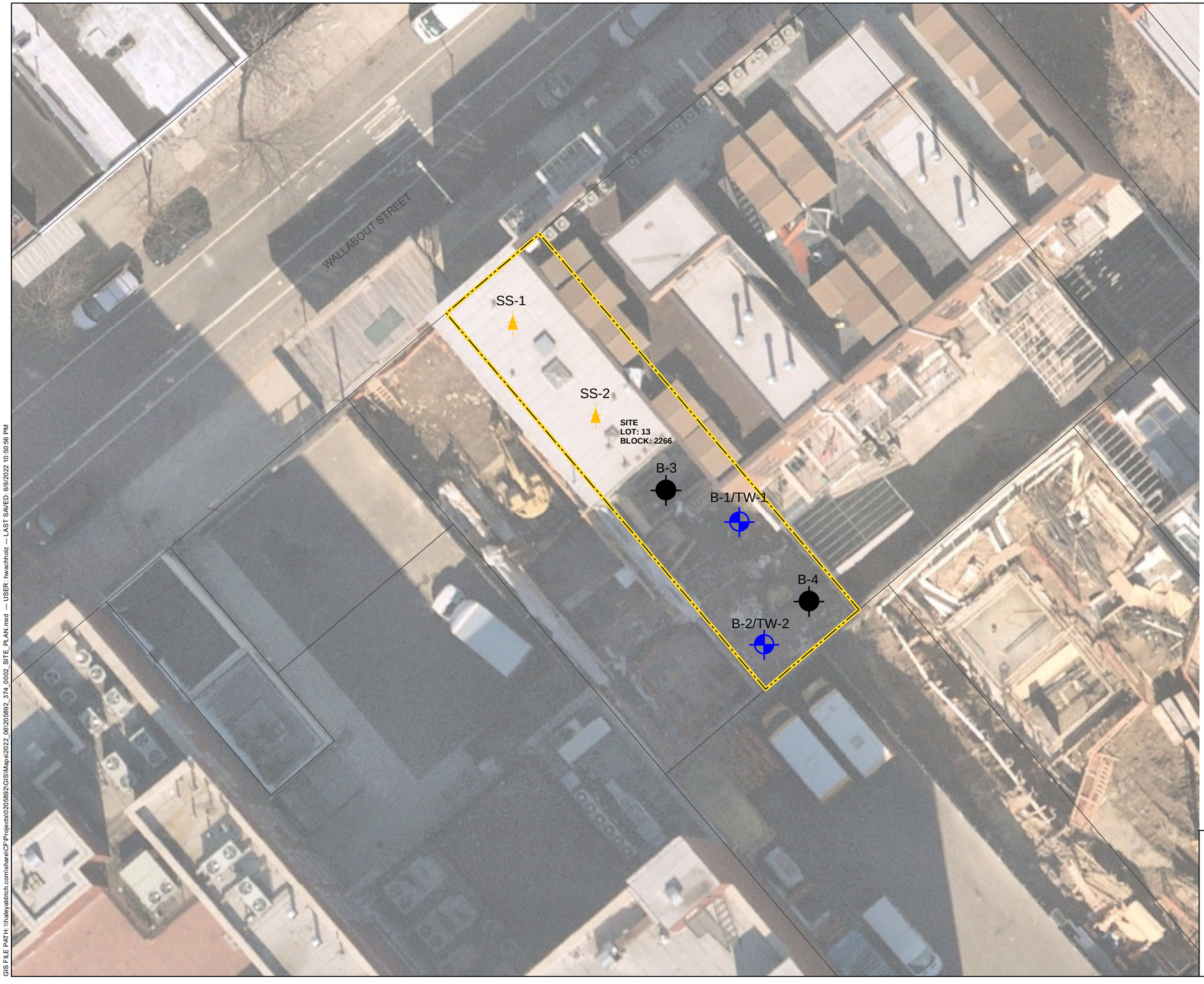
Sincerely,
Haley & Aldrich of New York

James M. Bellew
Principal

Elizabeth R. Scheuerman
Assistant Project Manager

Attachments:
Figure 1 – Sample Location Map
Figure 2 – Map of Soil Chemistry
Figure 3 – Map of Groundwater Chemistry
Figure 4 – Map of Soil Vapor Chemistry
Table 1 – Soil Analytical Results
Table 2 – Groundwater Analytical Results
Table 3 – Soil Vapor Analytical Results
Attachment A – Soil Boring Logs
Attachment B – Temporary Monitoring Well Purge Logs
Attachment C – Analytical Laboratory Reports

FIGURES



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- TEMPORARY WELL POINT LOCATION
- SUB SLAB SOIL VAPOR (SS) AND/OR SOIL VAPOR (SV) SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
3. AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022

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374 WALLABOUT STREET
BROOKLYN, NEW YORK

SAMPLE LOCATION PLAN

JULY 2022

FIGURE 1

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LOCATION	B-3 (1-3')	
SAMPLING DATE	6/28/2022	
LAB SAMPLE ID	L2234319-06	
Total Metals		
Lead, Total	192	
Mercury, Total	0.559	
Zinc, Total	113	

LOCATION	B-1 (0-2')	
SAMPLING DATE	6/28/2022	
LAB SAMPLE ID	L2234319-05	
Semivolatile Organics by GC/MS		
Benzo(a)anthracene	1.4	
Benzo(a)pyrene	1.3	
Benzo(b)fluoranthene	1.5	
Chrysene	1.3	
Indeno(1,2,3-cd)pyrene	0.8	J
Total Metals		
Arsenic, Total	16.8	
Copper, Total	79.2	
Lead, Total	601	
Mercury, Total	4.11	
Selenium, Total	9.69	
Zinc, Total	660	

LOCATION	B-2 (1-3')		B-2 (6-8')	
SAMPLING DATE	6/28/2022		6/28/2022	
LAB SAMPLE ID	L2234319-02		L2234319-01	
Semivolatile Organics by GC/MS				
Benzo(a)anthracene	2.6		0.12	U
Benzo(a)pyrene	2.2		0.16	U
Benzo(b)fluoranthene	2.6		0.12	U
Chrysene	2.5		0.12	U
Indeno(1,2,3-cd)pyrene	1.2		0.16	U
Total Metals				
Arsenic, Total	14.3		1.62	
Copper, Total	122		6.85	
Lead, Total	722		14.1	
Mercury, Total	1.58		0.102	
Zinc, Total	253		16.8	

LOCATION	B-4 (0-2')		B-4 (4-6')	
SAMPLING DATE	6/28/2022		6/28/2022	
LAB SAMPLE ID	L2234319-03		L2234319-04	
Total Metals				
Copper, Total	2080		26.8	
Lead, Total	493		102	
Mercury, Total	1.61		0.88	
Silver, Total	3.12		0.884	U
Zinc, Total	345		37.2	
Volatile Organics by EPA 5035				
Acetone	0.011	U	0.063	

LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

SOIL BORING LOCATION

New York NYCRR Part 375 New York Restricted and Unrestricted Use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.				
Analyte	**NY-RESGW**	**NY-RESRR**	**NY-UNRES**	**Units**
Semivolatile Organics by GC/MS				
Benzo(a)anthracene	1	1	1	mg/kg
Benzo(a)pyrene	22	1	1	mg/kg
Benzo(b)fluoranthene	1.7	1	1	mg/kg
Chrysene	1	3.9	1	mg/kg
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	mg/kg
Total Metals				
Arsenic, Total	16	16	13	mg/kg
Copper, Total	1720	270	50	mg/kg
Lead, Total	450	400	63	mg/kg
Mercury, Total	0.73	0.81	0.18	mg/kg
Selenium, Total	4	180	3.9	mg/kg
Silver, Total	8.3	180	2	mg/kg
Zinc, Total	2480	10000	109	mg/kg
Volatile Organics by EPA 5035				
Acetone	0.05	100	0.05	mg/kg

NOTES

1. ALL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.

2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING.

3. AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022

4. SOIL SAMPLE 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 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (SCO) (NY-UNRES), THE RESTRICTED-USE RESIDENTIAL SCO, PROTECTION OF GROUNDWATER SCOS AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.

5. NY-PGW = NYSDEC PART 375 PROTECTION OF GROUNDWATER SCO

6. NY-RESRR = NYSDEC PART 375 RESTRICTED-USE RESIDENTIAL SCO

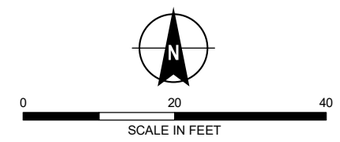
7. NY-UNRES = NYSDEC PART 375 UNRESTRICTED USE SCO

8. EXCEEDANCES OF THE NY-UNRES SCOS ARE SHADED GRAY

9. EXCEEDANCES OF THE NY-UNRES AND NY-RESRR ARE SHADED YELLOW

10. EXCEEDANCES OF THE NY-RESGW ARE BOLD

11. MILLIGRAMS PER KILOGRAM (mg/kg)



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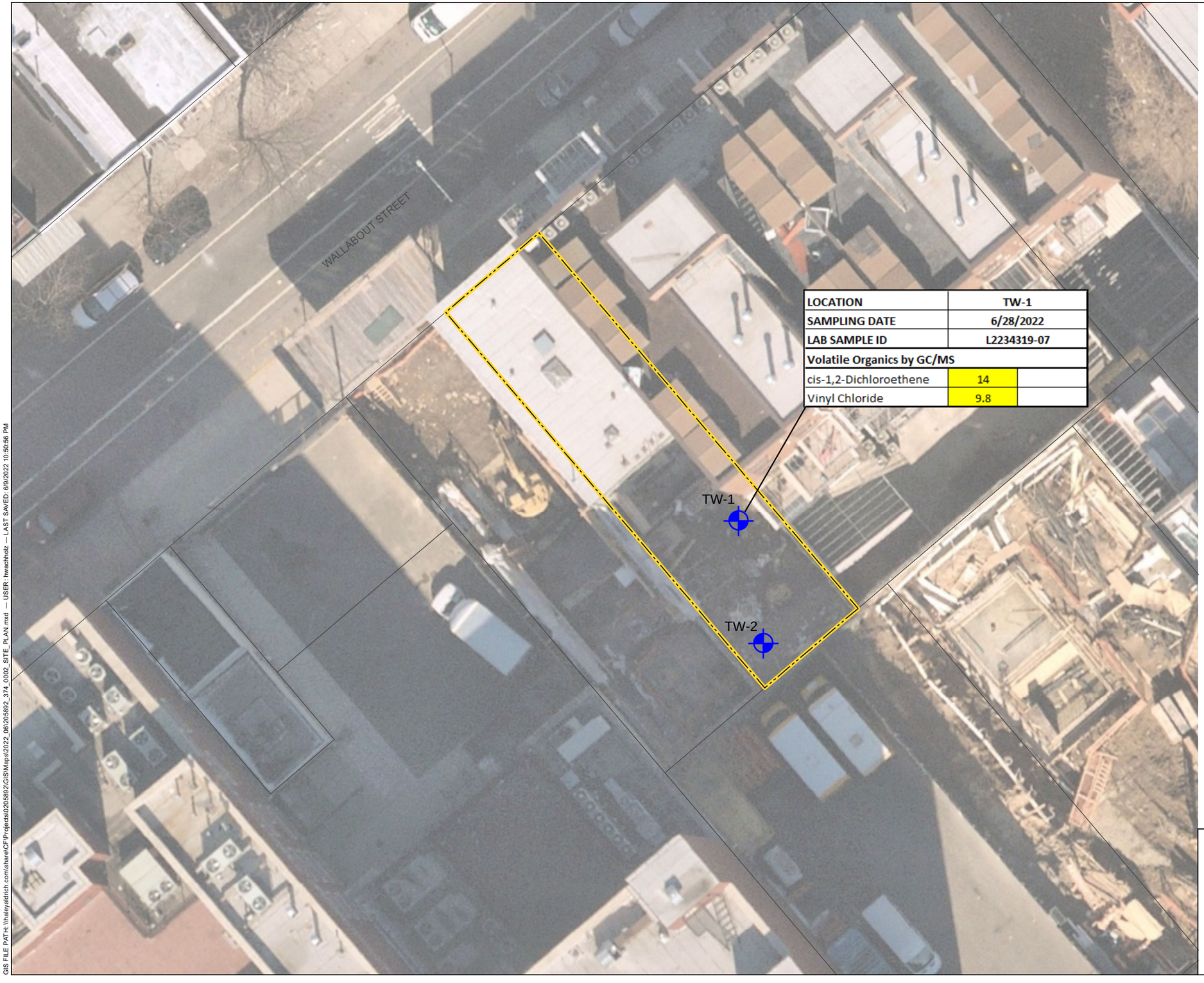
374 WALLABOUT STREET
BROOKLYN, NEW YORK

MAP OF SOIL CHEMISTRY

JULY 2022

FIGURE 2



LOCATION	TW-1	
SAMPLING DATE	6/28/2022	
LAB SAMPLE ID	L2234319-07	
Volatile Organics by GC/MS		
cis-1,2-Dichloroethene	14	
Vinyl Chloride	9.8	

LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

TEMPORARY WELL POINT LOCATION

Ambient Water Quality Standards (New York State Groundwater Effluent Limitations for Class GA Groundwater)		
Analytes	**AWQS**	**Unit**
cis-1,2-Dichloroethene	5	µg/L
Vinyl Chloride	2	µg/L

NOTES

1. ALL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.

2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING.

3. AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022

4. GROUNDWATER ANALYTICAL RESULTS COMPARED TO NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQSs).

5. EXCEEDANCES OF NYSDEC AWQS ARE SHADED YELLOW.

6. MICROGRAMS PER LITER (µg/L).

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BROOKLYN, NEW YORK

MAP OF GROUNDWATER CHEMISTRY

JULY 2022

FIGURE 3

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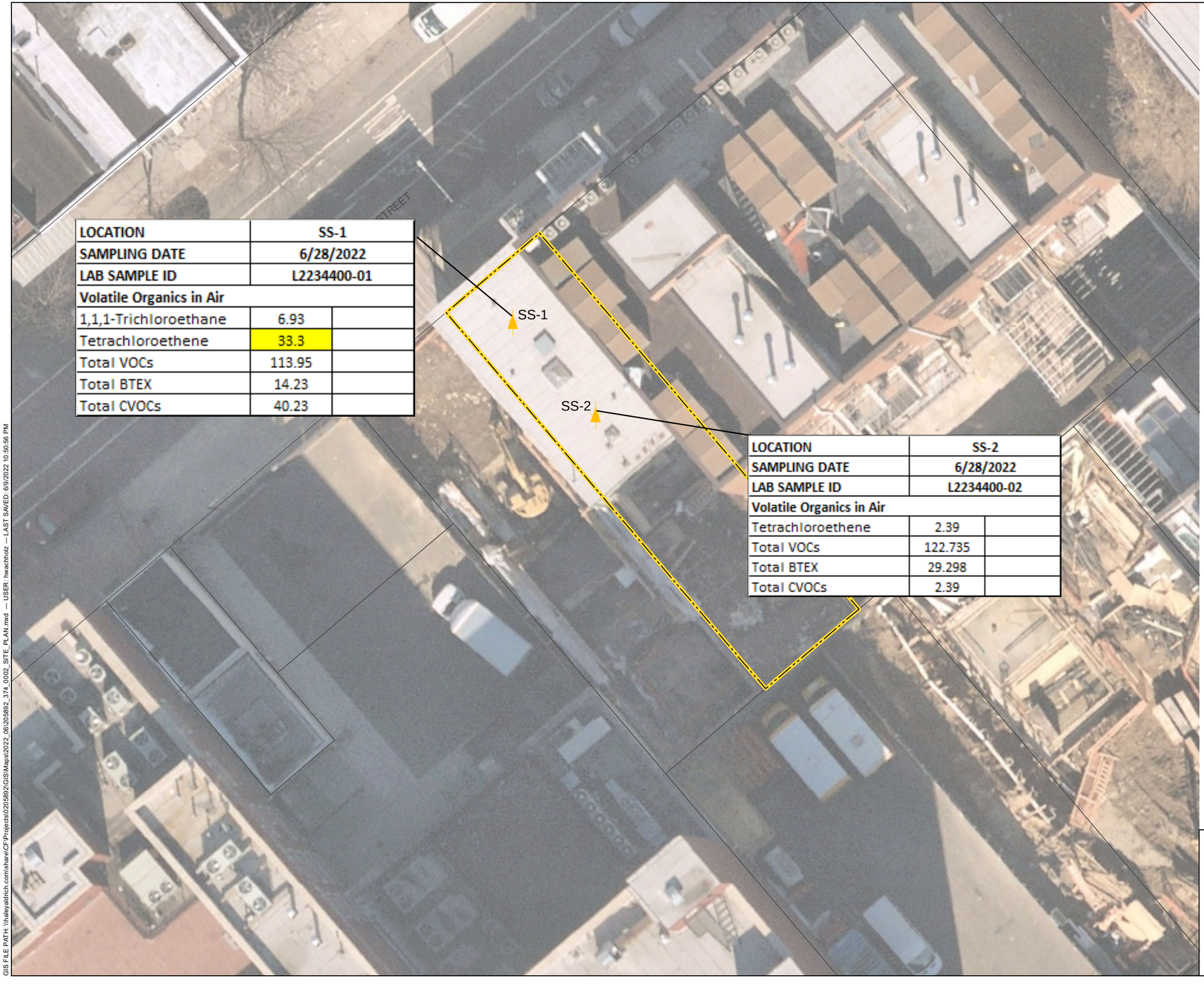

LOCATION	SS-1	
SAMPLING DATE	6/28/2022	
LAB SAMPLE ID	L2234400-01	
Volatile Organics in Air		
1,1,1-Trichloroethane	6.93	
Tetrachloroethene	33.3	
Total VOCs	113.95	
Total BTEX	14.23	
Total CVOCs	40.23	

LOCATION	SS-2	
SAMPLING DATE	6/28/2022	
LAB SAMPLE ID	L2234400-02	
Volatile Organics in Air		
Tetrachloroethene	2.39	
Total VOCs	122.735	
Total BTEX	29.298	
Total CVOCs	2.39	

LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

SUB SLAB SOIL VAPOR (SS) SAMPLE LOCATION

New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.		
Volatile Organics in Air	**NYSDOH AGVs**	**Units**
1,1,1-Trichloroethane	~	~
Tetrachloroethene	2	$\mu g/m^3$

NOTES

1. ALL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS.

2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING.

3. AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022

4. MICROGRAMS PER CUBIC METER (µg/m3)

5. NYSDOH AGV: NEW YORK DOH AIR GUIDANCE VALUES CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, OCTOBER 2006, AND UPDATED MAY 2017. EXCEEDANCES OF AGVS ARE BOLDED AND UNDERLINED.

6. EXCEEDANCES OF NYSDOH AGVS ARE SHADED YELLOW

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374 WALLABOUT STREET
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

JULY 2022

FIGURE 4

TABLES

Table 1. Soil Analytical Results
Limited Phase II ESI
374 Wallabout Street, Brooklyn, NY

LOCATION					B-1 (0-2')		B-2 (1-3')		B-2 (6-8')		B-3 (1-3')		B-4 (0-2')		B-4 (4-6')	
SAMPLING DATE					6/28/2022		6/28/2022		6/28/2022		6/28/2022		6/28/2022		6/28/2022	
LAB SAMPLE ID					L2234319-05		L2234319-02		L2234319-01		L2234319-06		L2234319-03		L2234319-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
Solids, Total				%	76		85.9		81		85.3		87.6		85.1	
Semivolatile Organics by GC/MS																
1,2,4,5-Tetrachlorobenzene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
1,2,4-Trichlorobenzene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
1,4-Dioxane	0.1	13	0.1	mg/kg	0.16	U	0.029	U	0.03	U	0.029	U	0.14	U	0.029	U
2,4,5-Trichlorophenol	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2,4,6-Trichlorophenol	~	~	~	mg/kg	0.65	U	0.12	U	0.12	U	0.12	U	0.56	U	0.12	U
2,4-Dichlorophenol	~	~	~	mg/kg	0.98	U	0.17	U	0.18	U	0.18	U	0.85	U	0.18	U
2,4-Dimethylphenol	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2,4-Dinitrophenol	~	~	~	mg/kg	5.2	U	0.92	U	0.96	U	0.93	U	4.5	U	0.93	U
2,4-Dinitrotoluene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2,6-Dinitrotoluene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2-Chloronaphthalene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2-Chlorophenol	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2-Methylnaphthalene	~	~	~	mg/kg	0.16	J	0.28		0.24	U	0.23	U	1.1	U	0.23	U
2-Methylphenol	0.33	100	0.33	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2-Nitroaniline	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
2-Nitrophenol	~	~	~	mg/kg	2.4	U	0.42	U	0.43	U	0.42	U	2	U	0.42	U
3,3'-Dichlorobenzidine	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	mg/kg	1.6	U	0.28	U	0.039	J	0.28	U	1.4	U	0.28	U
3-Nitroaniline	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
4,6-Dinitro-o-cresol	~	~	~	mg/kg	2.8	U	0.5	U	0.52	U	0.5	U	2.4	U	0.51	U
4-Bromophenyl phenyl ether	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
4-Chloroaniline	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
4-Chlorophenyl phenyl ether	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
4-Nitroaniline	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
4-Nitrophenol	~	~	~	mg/kg	1.5	U	0.27	U	0.28	U	0.27	U	1.3	U	0.27	U
Acenaphthene	98	100	20	mg/kg	0.23	J	0.66		0.16	U	0.16	U	0.75	U	0.16	U
Acenaphthylene	107	100	100	mg/kg	0.17	J	0.19		0.16	U	0.16	U	0.75	U	0.16	U
Acetophenone	~	~	~	mg/kg	1.1	U	0.042	J	0.2	U	0.19	U	0.94	U	0.19	U
Anthracene	1000	100	100	mg/kg	0.56	J	1.3		0.12	U	0.12	U	0.56	U	0.12	U
Benzo(a)anthracene	1	1	1	mg/kg	**1.4**		**2.6**		0.12	U	0.054	J	0.51	J	0.12	U
Benzo(a)pyrene	22	1	1	mg/kg	1.3		2.2		0.16	U	0.07	J	0.52	J	0.16	U
Benzo(b)fluoranthene	1.7	1	1	mg/kg	1.5		**2.6**		0.12	U	0.094	J	0.63		0.12	U
Benzo(ghi)perylene	1000	100	100	mg/kg	0.67	J	1		0.16	U	0.047	J	0.3	J	0.16	U
Benzo(k)fluoranthene	1.7	3.9	0.8	mg/kg	0.48	J	0.7		0.12	U	0.12	U	0.21	J	0.12	U
Benzoic Acid	~	~	~	mg/kg	3.5	U	0.62	U	0.65	U	0.63	U	3	U	0.63	U
Benzyl Alcohol	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Biphenyl	~	~	~	mg/kg	2.5	U	0.062	J	0.46	U	0.44	U	2.1	U	0.44	U
Bis(2-chloroethoxy)methane	~	~	~	mg/kg	1.2	U	0.21	U	0.22	U	0.21	U	1	U	0.21	U
Bis(2-chloroethyl)ether	~	~	~	mg/kg	0.98	U	0.17	U	0.18	U	0.18	U	0.85	U	0.18	U
Bis(2-chloroisopropyl)ether	~	~	~	mg/kg	1.3	U	0.23	U	0.24	U	0.23	U	1.1	U	0.23	U
Bis(2-ethylhexyl)phthalate	~	~	~	mg/kg	1.1	U	0.24		0.2	U	0.071	J	0.94	U	0.19	U
Butyl benzyl phthalate	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Carbazole	~	~	~	mg/kg	0.21	J	0.39		0.2	U	0.19	U	0.94	U	0.19	U
Chrysene	1	3.9	1	mg/kg	**1.3**		**2.5**		0.12	U	0.056	J	0.49	J	0.12	U
Di-n-butylphthalate	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Di-n-octylphthalate	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	mg/kg	0.18	J	0.3		0.12	U	0.12	U	0.56	U	0.12	U
Dibenzofuran	210	59	7	mg/kg	0.15	J	0.36		0.2	U	0.19	U	0.94	U	0.19	U
Diethyl phthalate	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Dimethyl phthalate	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Fluoranthene	1000	100	100	mg/kg	2.8		4.8		0.12	U	0.08	J	0.97		0.12	U
Fluorene	386	100	30	mg/kg	0.29	J	0.74		0.2	U	0.19	U	0.94	U	0.19	U
Hexachlorobenzene	3.2	1.2	0.33	mg/kg	0.65	U	0.12	U	0.12	U	0.12	U	0.56	U	0.12	U
Hexachlorobutadiene	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Hexachlorocyclopentadiene	~			mg/kg	3.1	U	0.55	U	0.57	U	0.56	U	2.7	U	0.56	U
Hexachloroethane	~	~	~	mg/kg	0.87	U	0.15	U	0.16	U	0.16	U	0.75	U	0.16	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	mg/kg	0.8	J	1.2		0.16	U	0.055	J	0.36	J	0.16	U
Isophorone	~	~	~	mg/kg	0.98	U	0.17	U	0.18	U	0.18	U	0.85	U	0.18	U
n-Nitrosodi-n-propylamine	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Naphthalene	12	100	12	mg/kg	0.28	J	0.38		0.2	U	0.19	U	0.94	U	0.19	U
NDPA/DPA	~	~	~	mg/kg	0.87	U	0.15	U	0.16	U	0.16	U	0.75	U	0.16	U
Nitrobenzene	~	~	~	mg/kg	0.98	U	0.17	U	0.18	U	0.18	U	0.85	U	0.18	U
p-Chloro-m-cresol	~	~	~	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Pentachlorophenol	0.8	6.7	0.8	mg/kg	0.87	U	0.15	U	0.16	U	0.16	U	0.75	U	0.16	U
Phenanthrene	1000	100	100	mg/kg	2.3		6		0.12	U	0.028	J	0.48	J	0.12	U
Phenol	0.33	100	0.33	mg/kg	1.1	U	0.19	U	0.2	U	0.19	U	0.94	U	0.19	U
Pyrene	1000	100	100	mg/kg	2.6		4.8		0.12	U	0.077	J	0.85		0.12	U
Total Metals																
Aluminum, Total	~	~	~	mg/kg	6550		6060		6370		5380		5060		5840	
Antimony, Total	~	~	~	mg/kg	1.6	J	1.26	J	4.86	U	0.585	J	0.834	J	0.433	J
Arsenic, Total	16	16	13	mg/kg	**16.8**		14.3		1.62		4.32		8.74		2.34	
Barium, Total	820	400	350	mg/kg	191		339		42.9		129		266		61.9	
Beryllium, Total	47	72	7.2	mg/kg	0.415	J	0.385	J	0.35	J	0.293	J	0.287	J	0.327	J
Cadmium, Total	7.5	4.3	2.5	mg/kg	0.435	J	0.917	U	0.971	U	0.914	U	0.251	J	0.884	U
Calcium, Total	~	~	~	mg/kg	5210		8400		1230		6520		7410		2220	
Chromium, Total	~	~	~	mg/kg	22.5		15.4		11		14.3		14.5		10.9	
Cobalt, Total	~	~	~	mg/kg	5.53		6.55		3.74		4.42		4.86		3.39	
Copper, Total	1720	270	50	mg/kg	79.2		122		6.85		33.4		**2080**		26.8	
Iron, Total	~	~	~	mg/kg	18300		18700		11800		11700		13200		8240	
Lead, Total	450	400	63	mg/kg	**601**		**722**		14.1		192		**493**		102	
Magnesium, Total	~	~	~	mg/kg	1040		1280		994		1560		1270		997	
Manganese, Total	2000	2000	1600	mg/kg	108		207		60.1		114		186		51.2	
Mercury, Total	0.73	0.81	0.18	mg/kg	**4.11**		**1.58**		0.102		0.559		**1.61**		**0.88**	
Nickel, Total	130	310	30	mg/kg	15		17.4		7.23		9.82		10.3		7.38	
Potassium, Total	~	~	~	mg/kg	553		563		326		557		538		443	
Selenium, Total	4	180	3.9	mg/kg	**9.69**		1.08	J	0.301	J	0.375	J	0.816	J	0.83	J
Silver, Total	8.3	180	2	mg/kg	0.306	J	0.917	U	0.971	U	0.914	U	3.12		0.884	U
Sodium, Total	~	~	~	mg/kg	165	J	207		50.9	J	131	J	132	J	63.2	J
Thallium, Total	~	~	~	mg/kg	1.98	U	1.83	U	1.94	U	1.83	U	1.79	U	1.77	U
Vanadium, Total	~	~	~	mg/kg	27.5		27.6		16.8		19.1		20.6		14.9	
Zinc, Total	2480	10000	109	mg/kg	660		253		16.8		113		345		37.2	

Table 1. Soil Analytical Results
Limited Phase II ESI
374 Wallabout Street, Brooklyn, NY

LOCATION					B-1 (0-2')		B-2 (1-3')		B-2 (6-8')		B-3 (1-3')		B-4 (0-2')		B-4 (4-6')	
SAMPLING DATE					6/28/2022		6/28/2022		6/28/2022		6/28/2022		6/28/2022		6/28/2022	
LAB SAMPLE ID					L2234319-05		L2234319-02		L2234319-01		L2234319-06		L2234319-03		L2234319-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																
1,1,1,2-Tetrachloroethane	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
1,1,2,2-Tetrachloroethane	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
1,1,2-Trichloroethane	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,1-Dichloroethane	0.27	26	0.27	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,1-Dichloroethene	0.33	100	0.33	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,1-Dichloropropene	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
1,2,3-Trichlorobenzene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2,3-Trichloropropane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2,4,5-Tetramethylbenzene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2,4-Trichlorobenzene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2-Dibromo-3-chloropropane	~	~	~	mg/kg	0.0054	U	0.0041	U	0.0032	U	0.004	U	0.0033	U	0.0044	U
1,2-Dibromoethane	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,2-Dichlorobenzene	1.1	100	1.1	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,2-Dichloroethane	0.02	3.1	0.02	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,2-Dichloroethene, Total	~	~	~	mg/kg	0.0018	U	0.0014	U	0.0026		0.0013	U	0.0011	U	0.002	
1,2-Dichloropropane	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,3-Dichlorobenzene	2.4	49	2.4	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,3-Dichloropropane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,3-Dichloropropene, Total	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
1,4-Dichlorobenzene	1.8	13	1.8	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
1,4-Dioxane	0.1	13	0.1	mg/kg	0.14	U	0.11	U	0.084	U	0.1	U	0.088	U	0.12	U
2,2-Dichloropropane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
2-Butanone	0.12	100	0.12	mg/kg	0.018	U	0.014	U	0.011		0.013	U	0.011	U	0.014	J
2-Hexanone	~	~	~	mg/kg	0.018	U	0.014	U	0.01	U	0.013	U	0.011	U	0.015	U
4-Methyl-2-pentanone	~	~	~	mg/kg	0.018	U	0.014	U	0.01	U	0.013	U	0.011	U	0.015	U
Acetone	0.05	100	0.05	mg/kg	0.015	J	0.014	U	0.039		0.013	U	0.011	U	**0.063**	
Acrylonitrile	~	~	~	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
Benzene	0.06	4.8	0.06	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Bromobenzene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Bromochloromethane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Bromodichloromethane	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Bromoform	~	~	~	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
Bromomethane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Carbon disulfide	~	~	~	mg/kg	0.018	U	0.014	U	0.01	U	0.013	U	0.011	U	0.015	U
Carbon tetrachloride	0.76	2.4	0.76	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Chlorobenzene	1.1	100	1.1	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Chloroethane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Chloroform	0.37	49	0.37	mg/kg	0.0027	U	0.0021	U	0.0016	U	0.002	U	0.0016	U	0.0022	U
Chloromethane	~	~	~	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg	0.0018	U	0.0014	U	0.0026		0.0013	U	0.0011	U	0.002	
cis-1,3-Dichloropropene	~	~	~	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Dibromochloromethane	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Dibromomethane	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Dichlorodifluoromethane	~	~	~	mg/kg	0.018	U	0.014	U	0.01	U	0.013	U	0.011	U	0.015	U
Ethyl ether	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Ethylbenzene	1	41	1	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Hexachlorobutadiene	~	~	~	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
Isopropylbenzene	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Methyl tert butyl ether	0.93	100	0.93	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Methylene chloride	0.05	100	0.05	mg/kg	0.009	U	0.0069	U	0.0053	U	0.0066	U	0.0055	U	0.0073	U
n-Butylbenzene	12	100	12	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
n-Propylbenzene	3.9	100	3.9	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Naphthalene	12	100	12	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
o-Chlorotoluene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
o-Xylene	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
p-Chlorotoluene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
p-Diethylbenzene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
p-Ethyltoluene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
p-Isopropyltoluene	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
p/m-Xylene	~	~	~	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
sec-Butylbenzene	11	100	11	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Styrene	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
tert-Butylbenzene	5.9	100	5.9	mg/kg	0.0036	U	0.0028	U	0.0021	U	0.0026	U	0.0022	U	0.0029	U
Tetrachloroethene	1.3	19	1.3	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Toluene	0.7	100	0.7	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg	0.0027	U	0.0021	U	0.0016	U	0.002	U	0.0016	U	0.0022	U
trans-1,3-Dichloropropene	~	~	~	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
trans-1,4-Dichloro-2-butene	~	~	~	mg/kg	0.009	U	0.0069	U	0.0053	U	0.0066	U	0.0055	U	0.0073	U
Trichloroethene	0.47	21	0.47	mg/kg	0.0009	U	0.00069	U	0.00053	U	0.00066	U	0.00055	U	0.00073	U
Trichlorofluoromethane	~	~	~	mg/kg	0.0072	U	0.0055	U	0.0042	U	0.0053	U	0.0044	U	0.0059	U
Vinyl acetate	~	~	~	mg/kg	0.018	U	0.014	U	0.01	U	0.013	U	0.011	U	0.015	U
Vinyl chloride	0.02	0.9	0.02	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U
Xylenes, Total	1.6	100	0.26	mg/kg	0.0018	U	0.0014	U	0.001	U	0.0013	U	0.0011	U	0.0015	U

Notes:

1. Soil sample 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 Unrestricted Use Soil Cleanup Objectives (SCO), the Restricted-use Residential SCO and Protection of Groundwater SCOs.
2. ~ = Regulatory limit for this analyte does not exist
3. mg/kg = milligrams per kilogram
4. % = percent
5. NY-RESGW = NYSDEC Part 375 Protection of Groundwater SCO
6. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
7. NY-UNRES = NYSDEC Part 375 Unrestricted-Use SCO
8. Exceedances of the NY-UNRES SCOs are shaded gray
9. Exceedances of the NY-UNRES and NY-RESRR are shaded yellow
10. Exceedances of the NY-RESGW are bolded

Qualifiers:

J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.

Table 2. Groundwater Analytical Results
Limited Phase II ESI
374 Wallabout Street, Brooklyn, NY

LOCATION			TW-1		TW-2		TB-20220628	
SAMPLING DATE			6/28/2022		6/28/2022		6/28/2022	
LAB SAMPLE ID			L2234319-07		L2234319-08		L2234319-09	
SAMPLE TYPE			WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS								
1,1,1,2-Tetrachloroethane	5	µg/L	-	-	-	-	2.5	U
1,1,1-Trichloroethane	5	µg/L	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	µg/L	-	-	-	-	0.5	U
1,1,2-Trichloroethane	1	µg/L	-	-	-	-	1.5	U
1,1-Dichloroethane	5	µg/L	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	µg/L	-	-	-	-	2.5	U
1,2,3-Trichlorobenzene	5	µg/L	-	-	-	-	2.5	U
1,2,3-Trichloropropane	0.04	µg/L	-	-	-	-	2.5	U
1,2,4,5-Tetramethylbenzene	5	µg/L	-	-	-	-	2	U
1,2,4-Trichlorobenzene	5	µg/L	-	-	-	-	2.5	U
1,2,4-Trimethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	µg/L	-	-	-	-	2.5	U
1,2-Dibromoethane	0.0006	µg/L	-	-	-	-	2	U
1,2-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	µg/L	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	~	µg/L	-	-	-	-	2.5	U
1,2-Dichloropropane	1	µg/L	-	-	-	-	1	U
1,3,5-Trimethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	µg/L	-	-	-	-	2.5	U
1,3-Dichloropropene, Total	~	µg/L	-	-	-	-	0.5	U
1,4-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U
1,4-Dioxane	~	µg/L	250	U	250	U	250	U
2,2-Dichloropropane	5	µg/L	-	-	-	-	2.5	U
2-Butanone	50	µg/L	5	U	5	U	5	U
2-Hexanone	50	µg/L	-	-	-	-	5	U
4-Methyl-2-pentanone	~	µg/L	-	-	-	-	5	U
Acetone	50	µg/L	5	U	5	U	5	U
Acrylonitrile	5	µg/L	-	-	-	-	5	U
Benzene	1	µg/L	0.21	J	0.5	U	0.5	U
Bromobenzene	5	µg/L	-	-	-	-	2.5	U
Bromochloromethane	5	µg/L	-	-	-	-	2.5	U
Bromodichloromethane	50	µg/L	-	-	-	-	0.5	U
Bromoform	50	µg/L	-	-	-	-	2	U
Bromomethane	5	µg/L	-	-	-	-	2.5	U
Carbon disulfide	60	µg/L	-	-	-	-	5	U
Carbon tetrachloride	5	µg/L	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	µg/L	2.5	U	2.5	U	2.5	U
Chloroethane	5	µg/L	-	-	-	-	2.5	U
Chloroform	7	µg/L	2.5	U	2.5	U	2.5	U
Chloromethane	~	µg/L	-	-	-	-	2.5	U
cis-1,2-Dichloroethene	5	µg/L	14		2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	µg/L	-	-	-	-	0.5	U
Dibromochloromethane	50	µg/L	-	-	-	-	0.5	U
Dibromomethane	5	µg/L	-	-	-	-	5	U
Dichlorodifluoromethane	5	µg/L	-	-	-	-	5	U
Ethyl ether	~	µg/L	-	-	-	-	2.5	U
Ethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	µg/L	-	-	-	-	2.5	U
Isopropylbenzene	5	µg/L	-	-	-	-	2.5	U
Methyl tert butyl ether	10	µg/L	2.5	U	2.5	U	2.5	U
Methylene chloride	5	µg/L	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
Naphthalene	10	µg/L	-	-	-	-	2.5	U
o-Chlorotoluene	5	µg/L	-	-	-	-	2.5	U
o-Xylene	5	µg/L	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	µg/L	-	-	-	-	2.5	U
p-Diethylbenzene	~	µg/L	-	-	-	-	2	U
p-Ethyltoluene	~	µg/L	-	-	-	-	2	U
p-Isopropyltoluene	5	µg/L	-	-	-	-	2.5	U
p/m-Xylene	5	µg/L	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
Styrene	5	µg/L	-	-	-	-	2.5	U
tert-Butylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	µg/L	0.5	U	0.5	U	0.5	U
Toluene	5	µg/L	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	µg/L	-	-	-	-	0.5	U
trans-1,4-Dichloro-2-butene	5	µg/L	-	-	-	-	2.5	U
Trichloroethene	5	µg/L	0.2	J	0.5	U	0.5	U
Trichlorofluoromethane	5	µg/L	-	-	-	-	2.5	U
Vinyl acetate	~	µg/L	-	-	-	-	5	U
Vinyl chloride	2	µg/L	9.8		1	U	1	U
Xylenes, Total	~	µg/L	-	-	-	-	2.5	U

Notes:

1. Groundwater results are compared to the NYSDEC Technical and Operational Guidance Series (TOGS)
1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values (SGVs) for Class A Drinking Water
2. ~ = Regulatory limit for the analyte does not exist
3. µg/L = micrograms per liter
4. Exceedances of the NY-AWQS are shaded yellow

Qualifiers:

J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.

Table 3. Soil Vapor Analtyical Results
Limited Phase II ESI
374 Wallabout Street, Brooklyn, NY

LOCATION			SS-1		SS-2	
SAMPLING DATE			6/28/2022		6/28/2022	
LAB SAMPLE ID			L2234400-01		L2234400-02	
SAMPLE TYPE			SOIL VAPOR		SOIL VAPOR	
	NYSDOH AGVs	Units	Results	Qual	Results	Qual
Volatile Organics in Air						
1,1,1-Trichloroethane	~	ug/m3	6.93		1.09	U
1,1,2,2-Tetrachloroethane	~	ug/m3	1.37	U	1.37	U
1,1,2-Trichloroethane	~	ug/m3	1.09	U	1.09	U
1,1-Dichloroethane	~	ug/m3	0.809	U	0.809	U
1,1-Dichloroethene	~	ug/m3	0.793	U	0.793	U
1,2,4-Trichlorobenzene	~	ug/m3	1.48	U	1.48	U
1,2,4-Trimethylbenzene	~	ug/m3	2.2		2.1	
1,2-Dibromoethane	~	ug/m3	1.54	U	1.54	U
1,2-Dichlorobenzene	~	ug/m3	1.2	U	1.2	U
1,2-Dichloroethane	~	ug/m3	0.809	U	0.809	U
1,2-Dichloropropane	~	ug/m3	0.924	U	0.924	U
1,3,5-Trimethylbenzene	~	ug/m3	0.983	U	0.983	U
1,3-Butadiene	~	ug/m3	0.442	U	0.442	U
1,3-Dichlorobenzene	~	ug/m3	1.2	U	1.2	U
1,4-Dichlorobenzene	~	ug/m3	1.2	U	1.2	U
1,4-Dioxane	~	ug/m3	0.721	U	0.721	U
2,2,4-Trimethylpentane	~	ug/m3	0.934	U	0.934	U
2-Butanone	~	ug/m3	2.63		6.84	
2-Hexanone	~	ug/m3	0.82	U	0.82	U
3-Chloropropene	~	ug/m3	0.626	U	0.626	U
4-Ethyltoluene	~	ug/m3	0.983	U	0.983	U
4-Methyl-2-pentanone	~	ug/m3	2.05	U	2.05	U
Acetone	~	ug/m3	11.4		45.8	
Benzene	~	ug/m3	0.639	U	2.64	
Benzyl chloride	~	ug/m3	1.04	U	1.04	U
Bromodichloromethane	~	ug/m3	1.34	U	1.34	U
Bromoform	~	ug/m3	2.07	U	2.07	U
Bromomethane	~	ug/m3	0.777	U	0.777	U
Carbon disulfide	~	ug/m3	1.73		11.4	
Carbon tetrachloride	~	ug/m3	1.26	U	1.26	U
Chlorobenzene	~	ug/m3	0.921	U	0.921	U
Chloroethane	~	ug/m3	0.528	U	0.528	U
Chloroform	~	ug/m3	36.9		18.9	
Chloromethane	~	ug/m3	0.413	U	0.942	
cis-1,2-Dichloroethene	~	ug/m3	0.793	U	0.793	U
cis-1,3-Dichloropropene	~	ug/m3	0.908	U	0.908	U
Cyclohexane	~	ug/m3	0.688	U	0.688	U
Dibromochloromethane	~	ug/m3	1.7	U	1.7	U
Dichlorodifluoromethane	~	ug/m3	2.93		2.79	
Ethanol	~	ug/m3	9.42	U	9.42	U
Ethyl Acetate	~	ug/m3	1.8	U	1.8	U
Ethylbenzene	~	ug/m3	0.869	U	0.938	
Freon-113	~	ug/m3	1.53	U	1.53	U
Freon-114	~	ug/m3	1.4	U	1.4	U
Heptane	~	ug/m3	0.82	U	0.82	U
Hexachlorobutadiene	~	ug/m3	2.13	U	2.13	U
Isopropanol	~	ug/m3	1.23	U	1.23	U
Methyl tert butyl ether	~	ug/m3	0.721	U	0.721	U
Methylene chloride	60	ug/m3	1.74	U	1.74	U
n-Hexane	~	ug/m3	0.705	U	0.835	
o-Xylene	~	ug/m3	1.12		1.48	
p/m-Xylene	~	ug/m3	2.31		3.34	
Styrene	~	ug/m3	0.852	U	0.852	U
Tertiary butyl Alcohol	~	ug/m3	1.52	U	1.52	U
Tetrachloroethene	30	ug/m3	33.3		2.39	
Tetrahydrofuran	~	ug/m3	1.47	U	1.47	U
Toluene	~	ug/m3	10.8		20.9	
trans-1,2-Dichloroethene	~	ug/m3	0.793	U	0.793	U
trans-1,3-Dichloropropene	~	ug/m3	0.908	U	0.908	U
Trichloroethene	2	ug/m3	1.07	U	1.07	U
Trichlorofluoromethane	~	ug/m3	1.7		1.44	
Vinyl bromide	~	ug/m3	0.874	U	0.874	U
Vinyl chloride	~	ug/m3	0.511	U	0.511	U

Notes:
1. Samples are compared to New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
2. ~ = Regulatory limit for this analyte does not exist
3. ug/m3 = micrograms per cubic meter
4. Exceedances of the NYSDOG AGVs are shaded yellow

Qualifiers:
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.

ATTACHMENT A

SOIL BORING LOGS

HALEY ALDRICH

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-1

Page 1 of 1

PROJECT	374 Wallabout Street - Limited Phase II ESI	**PROJECT NO.**	0205892
LOCATION	374 Wallabout Street, Brooklyn, NY	**PROJECT MGR.**	E. Scheurerman
CLIENT	Joe Fried	**FIELD REP.**	Y. Lin
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	6/28/2022
DRILLER	T. Kelly, M. Kolasinski	**DATE FINISHED**	6/28/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel		
Inside Diameter (in.)	1-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model

- ☐ Truck ☐ Tripod ☐ Cat-Head
- ☐ ATV ☑ Geoprobe ☐ Winch
- ☑ Track ☐ Air Track ☐ Roller Bit
- ☐ Skid ☑ Other ☐ Cutting Head

Hammer Type

- ☐ Safety
- ☐ Doughnut
- ☑ Automatic

Drilling Mud

- ☑ Bentonite
- ☐ Polymer
- ☐ None

Casing Advance

Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (ft / total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
1	1.6/2'	0.0	B-2(0-2')	0-2'	**Loose, dark gray medium to fine silty SAND with fragments of brick and asphalt, no odor, moist (FILL)**
2					
3	1.6/2'	0.0			**Loose, dark gray medium to fine silty SAND with fragments of brick and asphalt, no odor, moist (FILL)**
4					
5	2-Feb	0.0			**Loose, dark gray medium to fine silty SAND with fragments of brick and asphalt, no odor, moist (FILL)**
6					
7	2/2'	0.0			**Dense, olive green medium to fine silty SAND with clay, dark stain 7-8', petroleum like odor, moist**
8					
9	2/2'	0.0			**Loose, light gray to orange brown medium SAND with fragments of gravel, no odor, moist**
10					
11	1.6/2'	0.0			**Loose, light gray to orange brown medium SAND with fragments of gravel, no odor, moist**
12					
13	1.6/2'	0.0			**Loose, light gray to orange brown medium SAND with fragments of gravel, no odor, moist**
14					**End of exploration at 14'**
16					
18					
20					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

- **O** Open End Rod
- **T** Thin Wall Tube
- **U** Undisturbed Sample
- **S** Split Spoon Sample
- **G** Geoprobe

Summary

Overburden (Linear ft.)	14
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B-1

*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.

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-2

Page 1 of 1

PROJECT	374 Wallabout Street - Limited Phase II ESI	**PROJECT NO.**	0205892
LOCATION	374 Wallabout Street, Brooklyn, NY	**PROJECT MGR.**	E. Scheuerman
CLIENT	Joe Fried	**FIELD REP.**	Y. Lin
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	6/28/2022
DRILLER	T. Kelly, M. Kolasinski	**DATE FINISHED**	6/28/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel		
Inside Diameter (in.)	1-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model

- ☐ Truck ☐ Tripod ☐ Cat-Head
- ☐ ATV ☑ Geoprobe ☐ Winch
- ☑ Track ☐ Air Track ☐ Roller Bit
- ☐ Skid ☑ Other ☐ Cutting Head

Hammer Type

- ☐ Safety
- ☐ Doughnut
- ☑ Automatic

Drilling Mud

- ☑ Bentonite
- ☐ Polymer
- ☐ None

Casing Advance

Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (ft / total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
1	2/2'	0.0			**Loose, dark gray medium to fine silty SAND, trace fragments of brick, asphalt and plastic, no odor, dry (FILL)**
2					
3	1/2'	0.0	B-2(1-3')	1-3'	**Loose, dark gray medium to fine silty SAND, trace fragments of brick, asphalt and plastic, no odor, dry (FILL)**
4					
5	1.8/2'	0.0			**Loose, dark gray medium to fine silty SAND, trace fragments of brick, asphalt and plastic, no odor, dry (FILL)**
6					
7	2/2'	0.1	B-2(6-8')	6-8'	**Dense, dark gray to orange brown medium silty SAND, dark stain 7-8', petroleum like odor, moist (FILL)**
8					
9	1.6/2'	0.0			**Loose, light brownish-grey medium SAND, no odor, moist**
10					
11	1.8/2'	0.0			**Loose, orange brown medium size SAND, no odor, moist**
12					
13	1.8/2'	0.0			**Loose, orange brown medium size SAND, no odor, moist**
14					**End of exploration at 14'**
16					
18					
20					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

- **O** Open End Rod
- **T** Thin Wall Tube
- **U** Undisturbed Sample
- **S** Split Spoon Sample
- **G** Geoprobe

Summary

Overburden (Linear ft.)	14
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. B-2

*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.

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-3

Page 1 of 1

PROJECT	374 Wallabout Street - Limited Phase II ESI	**PROJECT NO.**	0205892
LOCATION	374 Wallabout Street, Brooklyn, NY	**PROJECT MGR.**	E. Scheuerman
CLIENT	Joe Fried	**FIELD REP.**	Y. Lin
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	6/28/2022
DRILLER	T. Kelly, M. Kolasinski	**DATE FINISHED**	6/28/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel		
Inside Diameter (in.)	1-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model

- ☐ Truck ☐ Tripod ☐ Cat-Head
- ☐ ATV ☑ Geoprobe ☐ Winch
- ☑ Track ☐ Air Track ☐ Roller Bit
- ☐ Skid ☑ Other ☐ Cutting Head

Hammer Type

- ☐ Safety
- ☐ Doughnut
- ☑ Automatic

Drilling Mud

- ☑ Bentonite
- ☐ Polymer
- ☐ None

Casing Advance

Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (ft / total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
					Loose, brown silty SAND with fragments of brick (MPS=2"), asphalt and glass, no odor, dry (FILL)
1	1.8/2'	0.0	B-3(1-3')	1-3'	
2					
					Loose, brown silty SAND with fragments of brick (MPS=2"), asphalt and glass, no odor, dry (FILL)
3	1.6/2'	0.0			
4					
					Loose, brown silty SAND with fragments of brick (MPS=2"), asphalt and glass, no odor, dry (FILL)
5	1.6/2'	0.0			
6					
					Dense, olive green to dark brown silty SAND with clay, fragments of gravel, no odor, dry
7	2/2'	0.1			
8					
					Loose, orange brown, medium size silty SAND with small pieces of gravel, no odor, moist
9	1.5/2'	0.0			
10					
					Loose, orange brown, medium size silty SAND with small pieces of gravel, no odor, moist
11	2/2'	0.0			
12					
					End of exploration at 12'
14					
16					
18					
20					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

- **O** Open End Rod
- **T** Thin Wall Tube
- **U** Undisturbed Sample
- **S** Split Spoon Sample
- **G** Geoprobe

Summary

Overburden (Linear ft.)	12
Rock Cored (Linear ft.)	-
Number of Samples	1

BORING NO. B-3

*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.

HALEY ALDRICH

GEOPROBE BORING REPORT

BORING NO. B-4

Page 1 of 1

PROJECT	374 Wallabout Street - Limited Phase II ESI	**PROJECT NO.**	0205892
LOCATION	374 Wallabout Street, Brooklyn, NY	**PROJECT MGR.**	E. Scheuerman
CLIENT	Joe Fried	**FIELD REP.**	Y. Lin
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	6/28/2022
DRILLER	T. Kelly, M. Kolasinski	**DATE FINISHED**	6/28/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel		
Inside Diameter (in.)	1-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model Jack Hammer

- ☐ Truck ☐ Tripod ☐ Cat-Head
- ☐ ATV ☑ Geoprobe ☐ Winch
- ☑ Track ☐ Air Track ☐ Roller Bit
- ☐ Skid ☑ Other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☑ Automatic

Drilling Mud: ☑ Bentonite ☐ Polymer ☐ None

Casing Advance: Type Method Depth — Direct push

Drilling Notes:

Depth (ft.)	Recovery (ft / total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
					Loose, light gray silty SAND with fragments of asphalt and glass, no odor, dry (FILL)
1	2/2'	0.0	B-4(0-2')	0-2'	
2					**Loose, light gray silty SAND with fragments of asphalt and glass, no odor, dry (FILL)**
3	1.7/2'	0.0			
4					**Dense, light brown silty SAND with fragments of gravel, dark stain at 5-6', petroleum like odor, dry (FILL)**
5	1.8/2'	0.0	B-4(4-6')	4-6'	
6					**Dense, light brown silty SAND with fragments of gravel, dark stain, petroleum like odor, dry (FILL)**
7	2/2'	0.1			
8					**Dense, olive gray silty fine SAND with clay, no odor, dry**
9	2/2'	0.0			
10					**Dense, olive gray silty fine SAND with clay, no odor, dry**
11	2/2'	0.0			
12					**Loose, orange brown to gray medium SAND with small pieces of gravel, no odor, moist**
13					
14					**End of exploration at 14'**
16					
18					
20					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

- **O** Open End Rod
- **T** Thin Wall Tube
- **U** Undisturbed Sample
- **S** Split Spoon Sample
- **G** Geoprobe

Summary

Overburden (Linear ft.)	14
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. B-4

*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

TEMPORARY MONITORING WELL PURGE LOGS

374 Wallabout Street, Brooklyn, NY
Well Purge Logs

Well ID:	TW-1	**Date:**	6/28/2022
Well Depth (ft):	16	**Pump:**	Peristaltic
Static Water Level (ft):	11.15	**Personnel:**	Y. Lin
Water Column Height (ft):	4.85	**Well Volume (gal):**	0.199
Well Diameter (inch):	1	**Total Purged (gal):**	2.11

Time	Time Elapsed (min)	Flow Rate (mL/min)	Cumulative Purge Volume (gal)	Purge Water Color	Comments
13:55	0	400	0.00	Light brown	
14:00	5	400	0.53	Light brown	
14:05	10	400	1.06	Clear	
14:10	15	400	1.59	Clear	
14:15	20	400	2.11	Clear	

374 Wallabout Street, Brooklyn, NY
Well Purge Logs

Well ID:	TW-2	**Date:**	6/28/2022
Well Depth (ft):	16	**Pump:**	Peristaltic
Static Water Level (ft):	12.10	**Personnel:**	Y. Lin
Water Column Height (ft):	3.9	**Well Volume (gal):**	0.160
Well Diameter (inch):	1	**Total Purged (gal):**	2.64

Time	Time Elapsed (min)	Flow Rate (mL/min)	Cumulative Purge Volume (gal)	Purge Water Color	Comments
12:35	0	400	0.00	Light brown	
12:40	5	400	0.53	Light brown	
12:45	10	400	1.06	Light brown	
12:50	15	400	1.59	Clear	
12:55	20	400	2.11	Clear	
13:00	25	400	2.64	Clear	

ATTACHMENT C

LABORATORY REPORTS

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2234319
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	374 WALLABOUT
Project Number:	0205892
Report Date:	07/08/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2234319-01	B-2 (6-8')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 11:20	06/28/22
L2234319-02	B-2 (1-3')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 11:22	06/28/22
L2234319-03	B-4 (0-2')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 12:10	06/28/22
L2234319-04	B-4 (4-6')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 12:20	06/28/22
L2234319-05	B-1 (0-2')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 13:35	06/28/22
L2234319-06	B-3 (1-3')	SOIL	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 14:40	06/28/22
L2234319-07	TW-1	WATER	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 14:15	06/28/22
L2234319-08	TW-2	WATER	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 13:00	06/28/22
L2234319-09	TB-20220628	WATER	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 00:00	06/28/22

Project Name:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

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:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

Case Narrative (continued)

Report Submission

July 08, 2022: This final report includes the results of all requested analyses.

July 05, 2022: 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.

Semivolatile Organics

L2234319-03D and -05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2234319-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/08/22

ORGANICS

VOLATILES

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01 Date Collected: 06/28/22 11:20

Client ID: B-2 (6-8') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 07/03/22 08:26

Analyst: AJK

Percent Solids: 81%

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	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	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	1.0	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	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01 Date Collected: 06/28/22 11:20

Client ID: B-2 (6-8') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.14	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	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	2.6		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	2.6		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	39		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	11		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	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	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01 Date Collected: 06/28/22 11:20

Client ID: B-2 (6-8') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02 Date Collected: 06/28/22 11:22

Client ID: B-2 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 07/03/22 09:04

Analyst: AJK

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02 Date Collected: 06/28/22 11:22

Client ID: B-2 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	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	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	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	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.90	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02 Date Collected: 06/28/22 11:22

Client ID: B-2 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.44	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	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 Date Collected: 06/28/22 12:10
Client ID: B-4 (0-2') Date Received: 06/28/22
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/03/22 09:42
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	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	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	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	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	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	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	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: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 Date Collected: 06/28/22 12:10

Client ID: B-4 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.55	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	5.3	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	2.4	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	0.55	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: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 Date Collected: 06/28/22 12:10

Client ID: B-4 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	88	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	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04 Date Collected: 06/28/22 12:20

Client ID: B-4 (4-6') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 07/03/22 10:21

Analyst: AJK

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04 Date Collected: 06/28/22 12:20

Client ID: B-4 (4-6') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	2.0		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	2.0		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	63		ug/kg	15	7.0	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	14	J	ug/kg	15	3.2	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.95	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04 Date Collected: 06/28/22 12:20

Client ID: B-4 (4-6') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05
Client ID: B-1 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 13:35
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/05/22 11:10
Analyst: AJK
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.0	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.90	0.35	1
Chlorobenzene	ND		ug/kg	0.90	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.2	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.90	0.30	1
Bromodichloromethane	ND		ug/kg	0.90	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.90	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.90	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.90	0.28	1
Bromoform	ND		ug/kg	7.2	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.90	0.30	1
Benzene	ND		ug/kg	0.90	0.30	1
Toluene	ND		ug/kg	1.8	0.98	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.2	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.81	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05 Date Collected: 06/28/22 13:35

Client ID: B-1 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.90	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	15	J	ug/kg	18	8.6	1
Carbon disulfide	ND		ug/kg	18	8.2	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.90	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.34	1
p-Chlorotoluene	ND		ug/kg	3.6	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.2	1.2	1
Acrylonitrile	ND		ug/kg	7.2	2.1	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05 Date Collected: 06/28/22 13:35

Client ID: B-1 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
1,4-Dioxane	ND		ug/kg	140	63.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.69	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.34	1
Ethyl ether	ND		ug/kg	3.6	0.61	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.0	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06 Date Collected: 06/28/22 14:40

Client ID: B-3 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 07/03/22 11:37

Analyst: AJK

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	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	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06 Date Collected: 06/28/22 14:40

Client ID: B-3 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	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	0.74	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	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	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	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	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	0.16	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	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	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	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06 Date Collected: 06/28/22 14:40

Client ID: B-3 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	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	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-07 Date Collected: 06/28/22 14:15

Client ID: TW-1 Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 07/02/22 12:15

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Benzene	0.21	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Vinyl chloride	9.8		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.20	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	14		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-07 Date Collected: 06/28/22 14:15

Client ID: TW-1 Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-08 Date Collected: 06/28/22 13:00
Client ID: TW-2 Date Received: 06/28/22
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/22 12:38
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Acetone	ND		ug/l	5.0	1.5	1
2-Butanone	ND		ug/l	5.0	1.9	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-08 Date Collected: 06/28/22 13:00

Client ID: TW-2 Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-09
Client ID: TB-20220628
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/22 13:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-09 Date Collected: 06/28/22 00:00

Client ID: TB-20220628 Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-09 Date Collected: 06/28/22 00:00

Client ID: TB-20220628 Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	106		70-130

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/22 11:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1658527-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/22 11:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1658527-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/22 11:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1658527-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/03/22 07:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06 Batch: WG1658838-5					
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	1.2	J	ug/kg	4.0	0.93
Bromomethane	1.9	J	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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/03/22 07:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06 Batch: WG1658838-5					
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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/03/22 07:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06 Batch: WG1658838-5					
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	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 10:42
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1658966-5					
Methylene chloride	2.5	J	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	1.5	J	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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 10:42
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1658966-5					
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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 10:42
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1658966-5					
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	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1658527-3 WG1658527-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	99		97		70-130	2		20
Dibromochloromethane	94		96		63-130	2		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	99		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	69		68		62-150	1		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	85		88		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		100		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		98		64-130	2		20
Bromomethane	43		44		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1658527-3 WG1658527-4								
Vinyl chloride	92		93		55-140	1		20
Chloroethane	61		60		55-138	2		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	92		90		70-130	2		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		95		70-130	1		20
1,2,3-Trichloropropane	98		100		64-130	2		20
Acrylonitrile	81		87		70-130	7		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	81		78		36-147	4		20
Acetone	88		100		58-148	13		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	90		95		63-138	5		20
Vinyl acetate	**150**	Q	**160**	Q	70-130	6		20
4-Methyl-2-pentanone	83		87		59-130	5		20
2-Hexanone	88		92		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1658527-3 WG1658527-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	130		130		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	99		100		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	88		86		41-144	2		20
Hexachlorobutadiene	100		99		63-130	1		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	91		94		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	93		92		70-130	1		20
1,2,4-Trichlorobenzene	98		94		70-130	4		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	104		108		56-162	4		20
p-Diethylbenzene	98		100		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1658527-3 WG1658527-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	69		72		59-134	4		20
trans-1,4-Dichloro-2-butene	100		88		70-130	13		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	107		110		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1658838-3 WG1658838-4								
Methylene chloride	80		80		70-130	0		30
1,1-Dichloroethane	85		85		70-130	0		30
Chloroform	85		86		70-130	1		30
Carbon tetrachloride	77		76		70-130	1		30
1,2-Dichloropropane	88		88		70-130	0		30
Dibromochloromethane	88		90		70-130	2		30
1,1,2-Trichloroethane	89		91		70-130	2		30
Tetrachloroethene	86		85		70-130	1		30
Chlorobenzene	85		85		70-130	0		30
Trichlorofluoromethane	87		87		70-139	0		30
1,2-Dichloroethane	87		89		70-130	2		30
1,1,1-Trichloroethane	84		83		70-130	1		30
Bromodichloromethane	86		87		70-130	1		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	87		88		70-130	1		30
1,1-Dichloropropene	86		86		70-130	0		30
Bromoform	85		86		70-130	1		30
1,1,2,2-Tetrachloroethane	85		84		70-130	1		30
Benzene	84		85		70-130	1		30
Toluene	87		87		70-130	0		30
Ethylbenzene	90		90		70-130	0		30
Chloromethane	74		72		52-130	3		30
Bromomethane	128		125		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1658838-3 WG1658838-4								
Vinyl chloride	88		87		67-130	1		30
Chloroethane	84		84		50-151	0		30
1,1-Dichloroethene	84		84		65-135	0		30
trans-1,2-Dichloroethene	84		84		70-130	0		30
Trichloroethene	87		89		70-130	2		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	88		87		70-130	1		30
1,4-Dichlorobenzene	88		87		70-130	1		30
Methyl tert butyl ether	88		90		66-130	2		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	84		84		70-130	0		30
Dibromomethane	86		88		70-130	2		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	83		83		30-146	0		30
Acetone	74		83		54-140	11		30
Carbon disulfide	79		79		59-130	0		30
2-Butanone	87		91		70-130	4		30
Vinyl acetate	76		**67**	Q	70-130	13		30
4-Methyl-2-pentanone	90		97		70-130	7		30
1,2,3-Trichloropropane	88		90		68-130	2		30
2-Hexanone	90		95		70-130	5		30
Bromochloromethane	85		86		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1658838-3 WG1658838-4								
2,2-Dichloropropane	86		86		70-130	0		30
1,2-Dibromoethane	88		91		70-130	3		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	87		87		70-130	0		30
Bromobenzene	86		85		70-130	1		30
n-Butylbenzene	91		90		70-130	1		30
sec-Butylbenzene	93		90		70-130	3		30
tert-Butylbenzene	90		88		70-130	2		30
o-Chlorotoluene	90		88		70-130	2		30
p-Chlorotoluene	92		89		70-130	3		30
1,2-Dibromo-3-chloropropane	84		90		68-130	7		30
Hexachlorobutadiene	87		87		67-130	0		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	91		89		70-130	2		30
Naphthalene	91		95		70-130	4		30
Acrylonitrile	91		94		70-130	3		30
n-Propylbenzene	92		89		70-130	3		30
1,2,3-Trichlorobenzene	93		96		70-130	3		30
1,2,4-Trichlorobenzene	91		91		70-130	0		30
1,3,5-Trimethylbenzene	91		89		70-130	2		30
1,2,4-Trimethylbenzene	92		90		70-130	2		30
1,4-Dioxane	92		99		65-136	7		30
p-Diethylbenzene	91		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1658838-3 WG1658838-4								
p-Ethyltoluene	92		89		70-130	3		30
1,2,4,5-Tetramethylbenzene	92		92		70-130	0		30
Ethyl ether	87		90		67-130	3		30
trans-1,4-Dichloro-2-butene	92		93		70-130	1		30

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1658966-3 WG1658966-4								
Methylene chloride	111		112		70-130	1		30
1,1-Dichloroethane	108		109		70-130	1		30
Chloroform	95		97		70-130	2		30
Carbon tetrachloride	97		102		70-130	5		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	104		104		70-130	0		30
1,1,2-Trichloroethane	106		106		70-130	0		30
Tetrachloroethene	91		92		70-130	1		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	78		81		70-139	4		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	97		98		70-130	1		30
Bromodichloromethane	101		102		70-130	1		30
trans-1,3-Dichloropropene	117		116		70-130	1		30
cis-1,3-Dichloropropene	112		112		70-130	0		30
1,1-Dichloropropene	102		105		70-130	3		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	88		87		70-130	1		30
Benzene	102		103		70-130	1		30
Toluene	98		99		70-130	1		30
Ethylbenzene	97		98		70-130	1		30
Chloromethane	104		101		52-130	3		30
Bromomethane	97		94		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1658966-3 WG1658966-4								
Vinyl chloride	87		89		67-130	2		30
Chloroethane	79		80		50-151	1		30
1,1-Dichloroethene	87		89		65-135	2		30
trans-1,2-Dichloroethene	97		98		70-130	1		30
Trichloroethene	110		114		70-130	4		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	93		94		70-130	1		30
1,4-Dichlorobenzene	92		93		70-130	1		30
Methyl tert butyl ether	107		108		66-130	1		30
p/m-Xylene	97		97		70-130	0		30
o-Xylene	98		98		70-130	0		30
cis-1,2-Dichloroethene	96		96		70-130	0		30
Dibromomethane	96		94		70-130	2		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	64		67		30-146	5		30
Acetone	122		128		54-140	5		30
Carbon disulfide	86		87		59-130	1		30
2-Butanone	**131**	Q	**140**	Q	70-130	7		30
Vinyl acetate	77		72		70-130	7		30
4-Methyl-2-pentanone	118		121		70-130	3		30
1,2,3-Trichloropropane	107		109		68-130	2		30
2-Hexanone	126		129		70-130	2		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1658966-3 WG1658966-4								
2,2-Dichloropropane	105		106		70-130	1		30
1,2-Dibromoethane	101		101		70-130	0		30
1,3-Dichloropropane	106		105		69-130	1		30
1,1,1,2-Tetrachloroethane	90		89		70-130	1		30
Bromobenzene	91		91		70-130	0		30
n-Butylbenzene	101		102		70-130	1		30
sec-Butylbenzene	97		100		70-130	3		30
tert-Butylbenzene	94		96		70-130	2		30
o-Chlorotoluene	99		100		70-130	1		30
p-Chlorotoluene	98		99		70-130	1		30
1,2-Dibromo-3-chloropropane	98		99		68-130	1		30
Hexachlorobutadiene	85		87		67-130	2		30
Isopropylbenzene	96		99		70-130	3		30
p-Isopropyltoluene	96		98		70-130	2		30
Naphthalene	95		96		70-130	1		30
Acrylonitrile	126		128		70-130	2		30
n-Propylbenzene	99		102		70-130	3		30
1,2,3-Trichlorobenzene	90		90		70-130	0		30
1,2,4-Trichlorobenzene	91		89		70-130	2		30
1,3,5-Trimethylbenzene	95		97		70-130	2		30
1,2,4-Trimethylbenzene	96		97		70-130	1		30
1,4-Dioxane	100		105		65-136	5		30
p-Diethylbenzene	95		96		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1658966-3 WG1658966-4								
p-Ethyltoluene	97		98		70-130	1		30
1,2,4,5-Tetramethylbenzene	94		94		70-130	0		30
Ethyl ether	91		91		67-130	0		30
trans-1,4-Dichloro-2-butene	118		122		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	95		95		70-130

SEMIVOLATILES

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01
Client ID: B-2 (6-8')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 11:20
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/29/22 22:31
Analyst: WR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01 Date Collected: 06/28/22 11:20

Client ID: B-2 (6-8') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	39	J	ug/kg	290	31.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01 Date Collected: 06/28/22 11:20

Client ID: B-2 (6-8') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	66		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02
Client ID: B-2 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 11:22
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/30/22 07:28
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	660		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	4800		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	380		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	240		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02 Date Collected: 06/28/22 11:22

Client ID: B-2 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	2600		ug/kg	120	22.	1
Benzo(a)pyrene	2200		ug/kg	150	47.	1
Benzo(b)fluoranthene	2600		ug/kg	120	32.	1
Benzo(k)fluoranthene	700		ug/kg	120	31.	1
Chrysene	2500		ug/kg	120	20.	1
Acenaphthylene	190		ug/kg	150	30.	1
Anthracene	1300		ug/kg	120	38.	1
Benzo(ghi)perylene	1000		ug/kg	150	23.	1
Fluorene	740		ug/kg	190	19.	1
Phenanthrene	6000		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	300		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	27.	1
Pyrene	4800		ug/kg	120	19.	1
Biphenyl	62	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	360		ug/kg	190	18.	1
2-Methylnaphthalene	280		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	42	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02 Date Collected: 06/28/22 11:22

Client ID: B-2 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	59.	1
Carbazole	390		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	76		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 D
Client ID: B-4 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 12:10
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/01/22 05:04
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	750	98.	5
1,2,4-Trichlorobenzene	ND		ug/kg	940	110	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	850	130	5
2-Chloronaphthalene	ND		ug/kg	940	94.	5
1,2-Dichlorobenzene	ND		ug/kg	940	170	5
1,3-Dichlorobenzene	ND		ug/kg	940	160	5
1,4-Dichlorobenzene	ND		ug/kg	940	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	940	250	5
2,4-Dinitrotoluene	ND		ug/kg	940	190	5
2,6-Dinitrotoluene	ND		ug/kg	940	160	5
Fluoranthene	970		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	940	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	940	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	94.	5
Hexachlorobutadiene	ND		ug/kg	940	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	850	5
Hexachloroethane	ND		ug/kg	750	150	5
Isophorone	ND		ug/kg	850	120	5
Naphthalene	ND		ug/kg	940	110	5
Nitrobenzene	ND		ug/kg	850	140	5
NDPA/DPA	ND		ug/kg	750	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	940	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	940	330	5
Butyl benzyl phthalate	ND		ug/kg	940	240	5
Di-n-butylphthalate	ND		ug/kg	940	180	5
Di-n-octylphthalate	ND		ug/kg	940	320	5

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 D Date Collected: 06/28/22 12:10

Client ID: B-4 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	940	87.	5
Dimethyl phthalate	ND		ug/kg	940	200	5
Benzo(a)anthracene	510	J	ug/kg	560	110	5
Benzo(a)pyrene	520	J	ug/kg	750	230	5
Benzo(b)fluoranthene	630		ug/kg	560	160	5
Benzo(k)fluoranthene	210	J	ug/kg	560	150	5
Chrysene	490	J	ug/kg	560	98.	5
Acenaphthylene	ND		ug/kg	750	140	5
Anthracene	ND		ug/kg	560	180	5
Benzo(ghi)perylene	300	J	ug/kg	750	110	5
Fluorene	ND		ug/kg	940	92.	5
Phenanthrene	480	J	ug/kg	560	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	360	J	ug/kg	750	130	5
Pyrene	850		ug/kg	560	94.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	940	170	5
2-Nitroaniline	ND		ug/kg	940	180	5
3-Nitroaniline	ND		ug/kg	940	180	5
4-Nitroaniline	ND		ug/kg	940	390	5
Dibenzofuran	ND		ug/kg	940	89.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	940	98.	5
Acetophenone	ND		ug/kg	940	120	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	940	140	5
2-Chlorophenol	ND		ug/kg	940	110	5
2,4-Dichlorophenol	ND		ug/kg	850	150	5
2,4-Dimethylphenol	ND		ug/kg	940	310	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	750	210	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03 D Date Collected: 06/28/22 12:10

Client ID: B-4 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	940	180	5
Benzoic Acid	ND		ug/kg	3000	950	5
Benzyl Alcohol	ND		ug/kg	940	290	5
Carbazole	ND		ug/kg	940	92.	5
1,4-Dioxane	ND		ug/kg	140	43.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	66		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04
Client ID: B-4 (4-6')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 12:20
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/30/22 02:15
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04 Date Collected: 06/28/22 12:20

Client ID: B-4 (4-6') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04 Date Collected: 06/28/22 12:20

Client ID: B-4 (4-6') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	67		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05 D
Client ID: B-1 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 13:35
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/01/22 03:07
Analyst: CMM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230	J	ug/kg	870	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	1100	120	5
Hexachlorobenzene	ND		ug/kg	650	120	5
Bis(2-chloroethyl)ether	ND		ug/kg	980	150	5
2-Chloronaphthalene	ND		ug/kg	1100	110	5
1,2-Dichlorobenzene	ND		ug/kg	1100	200	5
1,3-Dichlorobenzene	ND		ug/kg	1100	190	5
1,4-Dichlorobenzene	ND		ug/kg	1100	190	5
3,3'-Dichlorobenzidine	ND		ug/kg	1100	290	5
2,4-Dinitrotoluene	ND		ug/kg	1100	220	5
2,6-Dinitrotoluene	ND		ug/kg	1100	190	5
Fluoranthene	2800		ug/kg	650	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1100	120	5
4-Bromophenyl phenyl ether	ND		ug/kg	1100	170	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1300	180	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1200	110	5
Hexachlorobutadiene	ND		ug/kg	1100	160	5
Hexachlorocyclopentadiene	ND		ug/kg	3100	990	5
Hexachloroethane	ND		ug/kg	870	180	5
Isophorone	ND		ug/kg	980	140	5
Naphthalene	280	J	ug/kg	1100	130	5
Nitrobenzene	ND		ug/kg	980	160	5
NDPA/DPA	ND		ug/kg	870	120	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1100	170	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1100	380	5
Butyl benzyl phthalate	ND		ug/kg	1100	270	5
Di-n-butylphthalate	ND		ug/kg	1100	210	5
Di-n-octylphthalate	ND		ug/kg	1100	370	5

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05 D Date Collected: 06/28/22 13:35

Client ID: B-1 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	1100	100	5
Dimethyl phthalate	ND		ug/kg	1100	230	5
Benzo(a)anthracene	1400		ug/kg	650	120	5
Benzo(a)pyrene	1300		ug/kg	870	260	5
Benzo(b)fluoranthene	1500		ug/kg	650	180	5
Benzo(k)fluoranthene	480	J	ug/kg	650	170	5
Chrysene	1300		ug/kg	650	110	5
Acenaphthylene	170	J	ug/kg	870	170	5
Anthracene	560	J	ug/kg	650	210	5
Benzo(ghi)perylene	670	J	ug/kg	870	130	5
Fluorene	290	J	ug/kg	1100	100	5
Phenanthrene	2300		ug/kg	650	130	5
Dibenzo(a,h)anthracene	180	J	ug/kg	650	120	5
Indeno(1,2,3-cd)pyrene	800	J	ug/kg	870	150	5
Pyrene	2600		ug/kg	650	110	5
Biphenyl	ND		ug/kg	2500	140	5
4-Chloroaniline	ND		ug/kg	1100	200	5
2-Nitroaniline	ND		ug/kg	1100	210	5
3-Nitroaniline	ND		ug/kg	1100	200	5
4-Nitroaniline	ND		ug/kg	1100	450	5
Dibenzofuran	150	J	ug/kg	1100	100	5
2-Methylnaphthalene	160	J	ug/kg	1300	130	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1100	110	5
Acetophenone	ND		ug/kg	1100	130	5
2,4,6-Trichlorophenol	ND		ug/kg	650	210	5
p-Chloro-m-cresol	ND		ug/kg	1100	160	5
2-Chlorophenol	ND		ug/kg	1100	130	5
2,4-Dichlorophenol	ND		ug/kg	980	180	5
2,4-Dimethylphenol	ND		ug/kg	1100	360	5
2-Nitrophenol	ND		ug/kg	2400	410	5
4-Nitrophenol	ND		ug/kg	1500	440	5
2,4-Dinitrophenol	ND		ug/kg	5200	510	5
4,6-Dinitro-o-cresol	ND		ug/kg	2800	520	5
Pentachlorophenol	ND		ug/kg	870	240	5
Phenol	ND		ug/kg	1100	160	5
2-Methylphenol	ND		ug/kg	1100	170	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1600	170	5

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05 D Date Collected: 06/28/22 13:35

Client ID: B-1 (0-2') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	1100	210	5
Benzoic Acid	ND		ug/kg	3500	1100	5
Benzyl Alcohol	ND		ug/kg	1100	330	5
Carbazole	210	J	ug/kg	1100	100	5
1,4-Dioxane	ND		ug/kg	160	50.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	66		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06
Client ID: B-3 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 14:40
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/30/22 02:37
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/29/22 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	80	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	71	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06 Date Collected: 06/28/22 14:40

Client ID: B-3 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	54	J	ug/kg	120	22.	1
Benzo(a)pyrene	70	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	94	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	56	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	47	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	28	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	160	27.	1
Pyrene	77	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 374 WALLABOUT **Lab Number:** L2234319

Project Number: 0205892 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06 Date Collected: 06/28/22 14:40

Client ID: B-3 (1-3') Date Received: 06/28/22

Sample Location: 374 WALLABOUT STREET, 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	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	116		10-136
4-Terphenyl-d14	82		18-120

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/29/22 09:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/29/22 03:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1656643-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/29/22 09:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/29/22 03:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1656643-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/29/22 09:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/29/22 03:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1656643-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1656643-2 WG1656643-3								
Acenaphthene	50		69		31-137	32		50
1,2,4-Trichlorobenzene	55		75		38-107	31		50
Hexachlorobenzene	63		86		40-140	31		50
Bis(2-chloroethyl)ether	53		72		40-140	30		50
2-Chloronaphthalene	58		77		40-140	28		50
1,2-Dichlorobenzene	52		70		40-140	30		50
1,3-Dichlorobenzene	50		68		40-140	31		50
1,4-Dichlorobenzene	50		68		28-104	31		50
3,3'-Dichlorobenzidine	47		67		40-140	35		50
2,4-Dinitrotoluene	59		82		40-132	33		50
2,6-Dinitrotoluene	62		83		40-140	29		50
Fluoranthene	55		74		40-140	29		50
4-Chlorophenyl phenyl ether	54		74		40-140	31		50
4-Bromophenyl phenyl ether	57		79		40-140	32		50
Bis(2-chloroisopropyl)ether	52		69		40-140	28		50
Bis(2-chloroethoxy)methane	54		74		40-117	31		50
Hexachlorobutadiene	56		75		40-140	29		50
Hexachlorocyclopentadiene	47		62		40-140	28		50
Hexachloroethane	51		70		40-140	31		50
Isophorone	58		78		40-140	29		50
Naphthalene	54		73		40-140	30		50
Nitrobenzene	60		79		40-140	27		50
NDPA/DPA	56		75		36-157	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1656643-2 WG1656643-3								
n-Nitrosodi-n-propylamine	58		77		32-121	28		50
Bis(2-ethylhexyl)phthalate	51		70		40-140	31		50
Butyl benzyl phthalate	59		78		40-140	28		50
Di-n-butylphthalate	60		81		40-140	30		50
Di-n-octylphthalate	53		72		40-140	30		50
Diethyl phthalate	56		76		40-140	30		50
Dimethyl phthalate	60		81		40-140	30		50
Benzo(a)anthracene	55		75		40-140	31		50
Benzo(a)pyrene	57		81		40-140	35		50
Benzo(b)fluoranthene	54		76		40-140	34		50
Benzo(k)fluoranthene	56		78		40-140	33		50
Chrysene	51		70		40-140	31		50
Acenaphthylene	60		81		40-140	30		50
Anthracene	52		70		40-140	30		50
Benzo(ghi)perylene	57		80		40-140	34		50
Fluorene	54		72		40-140	29		50
Phenanthrene	50		68		40-140	31		50
Dibenzo(a,h)anthracene	60		83		40-140	32		50
Indeno(1,2,3-cd)pyrene	66		92		40-140	33		50
Pyrene	54		73		35-142	30		50
Biphenyl	56		75		37-127	29		50
4-Chloroaniline	47		66		40-140	34		50
2-Nitroaniline	66		89		47-134	30		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1656643-2 WG1656643-3								
3-Nitroaniline	48		67		26-129	33		50
4-Nitroaniline	55		78		41-125	35		50
Dibenzofuran	54		73		40-140	30		50
2-Methylnaphthalene	56		75		40-140	29		50
1,2,4,5-Tetrachlorobenzene	60		80		40-117	29		50
Acetophenone	56		74		14-144	28		50
2,4,6-Trichlorophenol	67		89		30-130	28		50
p-Chloro-m-cresol	64		85		26-103	28		50
2-Chlorophenol	56		76		25-102	30		50
2,4-Dichlorophenol	61		82		30-130	29		50
2,4-Dimethylphenol	61		82		30-130	29		50
2-Nitrophenol	58		76		30-130	27		50
4-Nitrophenol	66		89		11-114	30		50
2,4-Dinitrophenol	48		67		4-130	33		50
4,6-Dinitro-o-cresol	56		74		10-130	28		50
Pentachlorophenol	49		67		17-109	31		50
Phenol	59		79		26-90	29		50
2-Methylphenol	61		82		30-130.	29		50
3-Methylphenol/4-Methylphenol	59		78		30-130	28		50
2,4,5-Trichlorophenol	67		90		30-130	29		50
Benzoic Acid	31		43		10-110	32		50
Benzyl Alcohol	63		84		40-140	29		50
Carbazole	55		74		54-128	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1656643-2 WG1656643-3								
1,4-Dioxane	**36**	Q	49		40-140	31		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		77		25-120
Phenol-d6	61		81		10-120
Nitrobenzene-d5	56		76		23-120
2-Fluorobiphenyl	57		76		30-120
2,4,6-Tribromophenol	65		88		10-136
4-Terphenyl-d14	56		76		18-120

METALS

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01
Client ID: B-2 (6-8')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 11:20
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	6370		mg/kg	9.71	2.62	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Antimony, Total	ND		mg/kg	4.86	0.369	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Arsenic, Total	1.62		mg/kg	0.971	0.202	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Barium, Total	42.9		mg/kg	0.971	0.169	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Beryllium, Total	0.350	J	mg/kg	0.486	0.032	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Cadmium, Total	ND		mg/kg	0.971	0.095	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Calcium, Total	1230		mg/kg	9.71	3.40	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Chromium, Total	11.0		mg/kg	0.971	0.093	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Cobalt, Total	3.74		mg/kg	1.94	0.161	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Copper, Total	6.85		mg/kg	0.971	0.251	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Iron, Total	11800		mg/kg	4.86	0.877	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Lead, Total	14.1		mg/kg	4.86	0.260	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Magnesium, Total	994		mg/kg	9.71	1.50	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Manganese, Total	60.1		mg/kg	0.971	0.154	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Mercury, Total	0.102		mg/kg	0.078	0.051	1	06/30/22 10:10	07/01/22 09:24	EPA 7471B	1,7471B	DMB
Nickel, Total	7.23		mg/kg	2.43	0.235	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Potassium, Total	326		mg/kg	243	14.0	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Selenium, Total	0.301	J	mg/kg	1.94	0.251	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.971	0.275	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Sodium, Total	50.9	J	mg/kg	194	3.06	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.94	0.306	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Vanadium, Total	16.8		mg/kg	0.971	0.197	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB
Zinc, Total	16.8		mg/kg	4.86	0.285	2	06/30/22 08:44	07/06/22 10:31	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02
Client ID: B-2 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 11:22
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6060		mg/kg	9.17	2.47	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Antimony, Total	1.26	J	mg/kg	4.58	0.348	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Arsenic, Total	14.3		mg/kg	0.917	0.191	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Barium, Total	339		mg/kg	0.917	0.159	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Beryllium, Total	0.385	J	mg/kg	0.458	0.030	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Cadmium, Total	ND		mg/kg	0.917	0.090	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Calcium, Total	8400		mg/kg	9.17	3.21	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Chromium, Total	15.4		mg/kg	0.917	0.088	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Cobalt, Total	6.55		mg/kg	1.83	0.152	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Copper, Total	122		mg/kg	0.917	0.236	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Iron, Total	18700		mg/kg	4.58	0.828	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Lead, Total	722		mg/kg	4.58	0.246	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Magnesium, Total	1280		mg/kg	9.17	1.41	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Manganese, Total	207		mg/kg	0.917	0.146	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Mercury, Total	1.58		mg/kg	0.073	0.048	1	06/30/22 10:10	07/01/22 09:28	EPA 7471B	1,7471B	DMB
Nickel, Total	17.4		mg/kg	2.29	0.222	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Potassium, Total	563		mg/kg	229	13.2	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Selenium, Total	1.08	J	mg/kg	1.83	0.236	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.917	0.259	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Sodium, Total	207		mg/kg	183	2.89	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.83	0.289	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Vanadium, Total	27.6		mg/kg	0.917	0.186	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB
Zinc, Total	253		mg/kg	4.58	0.268	2	06/30/22 08:44	07/06/22 10:36	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03
Client ID: B-4 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 12:10
Date Received: 06/28/22
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	5060		mg/kg	8.97	2.42	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Antimony, Total	0.834	J	mg/kg	4.48	0.341	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Arsenic, Total	8.74		mg/kg	0.897	0.186	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Barium, Total	266		mg/kg	0.897	0.156	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Beryllium, Total	0.287	J	mg/kg	0.448	0.030	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Cadmium, Total	0.251	J	mg/kg	0.897	0.088	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Calcium, Total	7410		mg/kg	8.97	3.14	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Chromium, Total	14.5		mg/kg	0.897	0.086	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Cobalt, Total	4.86		mg/kg	1.79	0.149	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Copper, Total	2080		mg/kg	0.897	0.231	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Iron, Total	13200		mg/kg	4.48	0.810	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Lead, Total	493		mg/kg	4.48	0.240	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Magnesium, Total	1270		mg/kg	8.97	1.38	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Manganese, Total	186		mg/kg	0.897	0.142	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Mercury, Total	1.61		mg/kg	0.072	0.047	1	06/30/22 10:10	07/01/22 09:31	EPA 7471B	1,7471B	DMB
Nickel, Total	10.3		mg/kg	2.24	0.217	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Potassium, Total	538		mg/kg	224	12.9	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Selenium, Total	0.816	J	mg/kg	1.79	0.231	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Silver, Total	3.12		mg/kg	0.897	0.254	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Sodium, Total	132	J	mg/kg	179	2.82	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Vanadium, Total	20.6		mg/kg	0.897	0.182	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB
Zinc, Total	345		mg/kg	4.48	0.263	2	06/30/22 08:44	07/06/22 10:40	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04
Client ID: B-4 (4-6')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 12:20
Date Received: 06/28/22
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	5840		mg/kg	8.84	2.38	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Antimony, Total	0.433	J	mg/kg	4.42	0.336	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Arsenic, Total	2.34		mg/kg	0.884	0.184	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Barium, Total	61.9		mg/kg	0.884	0.154	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Beryllium, Total	0.327	J	mg/kg	0.442	0.029	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Cadmium, Total	ND		mg/kg	0.884	0.087	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Calcium, Total	2220		mg/kg	8.84	3.09	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Chromium, Total	10.9		mg/kg	0.884	0.085	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Cobalt, Total	3.39		mg/kg	1.77	0.147	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Copper, Total	26.8		mg/kg	0.884	0.228	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Iron, Total	8240		mg/kg	4.42	0.798	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Lead, Total	102		mg/kg	4.42	0.237	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Magnesium, Total	997		mg/kg	8.84	1.36	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Manganese, Total	51.2		mg/kg	0.884	0.140	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Mercury, Total	0.880		mg/kg	0.074	0.048	1	06/30/22 10:10	07/01/22 09:34	EPA 7471B	1,7471B	DMB
Nickel, Total	7.38		mg/kg	2.21	0.214	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Potassium, Total	443		mg/kg	221	12.7	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Selenium, Total	0.830	J	mg/kg	1.77	0.228	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.884	0.250	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Sodium, Total	63.2	J	mg/kg	177	2.78	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.77	0.278	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Vanadium, Total	14.9		mg/kg	0.884	0.179	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB
Zinc, Total	37.2		mg/kg	4.42	0.259	2	06/30/22 08:44	07/06/22 10:44	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05
Client ID: B-1 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 13:35
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6550		mg/kg	9.88	2.67	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Antimony, Total	1.60	J	mg/kg	4.94	0.376	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Arsenic, Total	16.8		mg/kg	0.988	0.206	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Barium, Total	191		mg/kg	0.988	0.172	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Beryllium, Total	0.415	J	mg/kg	0.494	0.033	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Cadmium, Total	0.435	J	mg/kg	0.988	0.097	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Calcium, Total	5210		mg/kg	9.88	3.46	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Chromium, Total	22.5		mg/kg	0.988	0.095	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Cobalt, Total	5.53		mg/kg	1.98	0.164	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Copper, Total	79.2		mg/kg	0.988	0.255	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Iron, Total	18300		mg/kg	4.94	0.893	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Lead, Total	601		mg/kg	4.94	0.265	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Magnesium, Total	1040		mg/kg	9.88	1.52	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Manganese, Total	108		mg/kg	0.988	0.157	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Mercury, Total	4.11		mg/kg	0.165	0.108	2	06/30/22 10:10	07/01/22 09:47	EPA 7471B	1,7471B	DMB
Nickel, Total	15.0		mg/kg	2.47	0.239	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Potassium, Total	553		mg/kg	247	14.2	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Selenium, Total	9.69		mg/kg	1.98	0.255	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Silver, Total	0.306	J	mg/kg	0.988	0.280	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Sodium, Total	165	J	mg/kg	198	3.11	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.98	0.311	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Vanadium, Total	27.5		mg/kg	0.988	0.201	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB
Zinc, Total	660		mg/kg	4.94	0.290	2	06/30/22 08:44	07/06/22 10:49	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Lab Number: L2234319
Project Number: 0205892
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06
Client ID: B-3 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Date Collected: 06/28/22 14:40
Date Received: 06/28/22
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	5380		mg/kg	9.14	2.47	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Antimony, Total	0.585	J	mg/kg	4.57	0.347	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Arsenic, Total	4.32		mg/kg	0.914	0.190	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Barium, Total	129		mg/kg	0.914	0.159	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Beryllium, Total	0.293	J	mg/kg	0.457	0.030	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Cadmium, Total	ND		mg/kg	0.914	0.090	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Calcium, Total	6520		mg/kg	9.14	3.20	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Chromium, Total	14.3		mg/kg	0.914	0.088	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Cobalt, Total	4.42		mg/kg	1.83	0.152	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Copper, Total	33.4		mg/kg	0.914	0.236	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Iron, Total	11700		mg/kg	4.57	0.826	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Lead, Total	192		mg/kg	4.57	0.245	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Magnesium, Total	1560		mg/kg	9.14	1.41	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Manganese, Total	114		mg/kg	0.914	0.145	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Mercury, Total	0.559		mg/kg	0.074	0.048	1	06/30/22 10:10	07/01/22 09:41	EPA 7471B	1,7471B	DMB
Nickel, Total	9.82		mg/kg	2.29	0.221	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Potassium, Total	557		mg/kg	229	13.2	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Selenium, Total	0.375	J	mg/kg	1.83	0.236	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.914	0.259	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Sodium, Total	131	J	mg/kg	183	2.88	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.83	0.288	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Vanadium, Total	19.1		mg/kg	0.914	0.186	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB
Zinc, Total	113		mg/kg	4.57	0.268	2	06/30/22 08:44	07/06/22 10:53	EPA 3050B	1,6010D	NB

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1657226-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Iron, Total	0.376	J	mg/kg	2.00	0.361	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/30/22 08:44	07/06/22 08:25	1,6010D	BV

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): 01-06 Batch: WG1657230-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/30/22 10:10	07/01/22 08:08	1,7471B	DMB

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1657226-2 SRM Lot Number: D113-540								
Aluminum, Total	91		-		51-149	-		
Antimony, Total	148		-		20-250	-		
Arsenic, Total	105		-		70-130	-		
Barium, Total	100		-		75-125	-		
Beryllium, Total	100		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Calcium, Total	104		-		73-128	-		
Chromium, Total	104		-		70-130	-		
Cobalt, Total	100		-		75-125	-		
Copper, Total	102		-		75-125	-		
Iron, Total	122		-		36-164	-		
Lead, Total	102		-		72-128	-		
Magnesium, Total	92		-		63-138	-		
Manganese, Total	102		-		77-123	-		
Nickel, Total	98		-		70-130	-		
Potassium, Total	92		-		59-141	-		
Selenium, Total	105		-		66-134	-		
Silver, Total	106		-		70-131	-		
Sodium, Total	88		-		35-164	-		
Thallium, Total	99		-		70-130	-		
Vanadium, Total	104		-		74-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1657226-2 SRM Lot Number: D113-540					
Zinc, Total	98	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1657230-2 SRM Lot Number: D113-540					
Mercury, Total	106	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657226-3 QC Sample: L2233839-61 Client ID: MS Sample												
Aluminum, Total	9800	190	8230	**0**	Q	-	-		75-125	-		20
Antimony, Total	787	47.6	946	**334**	Q	-	-		75-125	-		20
Arsenic, Total	14.4	11.4	27.6	116		-	-		75-125	-		20
Barium, Total	285	190	416	**69**	Q	-	-		75-125	-		20
Beryllium, Total	0.670	4.76	3.63	**62**	Q	-	-		75-125	-		20
Cadmium, Total	0.944	5.04	4.11	**63**	Q	-	-		75-125	-		20
Calcium, Total	29900	951	18200	**0**	Q	-	-		75-125	-		20
Chromium, Total	384	19	569	**972**	Q	-	-		75-125	-		20
Cobalt, Total	5.58	47.6	36.5	**65**	Q	-	-		75-125	-		20
Copper, Total	117	23.8	171	**227**	Q	-	-		75-125	-		20
Iron, Total	16500	95.1	21900	**5680**	Q	-	-		75-125	-		20
Lead, Total	222	50.4	304	**163**	Q	-	-		75-125	-		20
Magnesium, Total	8120	951	4990	**0**	Q	-	-		75-125	-		20
Manganese, Total	1230	47.6	1010	**0**	Q	-	-		75-125	-		20
Nickel, Total	16.5	47.6	49.5	**69**	Q	-	-		75-125	-		20
Potassium, Total	586	951	1220	**67**	Q	-	-		75-125	-		20
Selenium, Total	1.03	11.4	8.59	**66**	Q	-	-		75-125	-		20
Silver, Total	0.776	28.5	21.9	**74**	Q	-	-		75-125	-		20
Sodium, Total	535	951	1120	**62**	Q	-	-		75-125	-		20
Thallium, Total	ND	11.4	4.96	**43**	Q	-	-		75-125	-		20
Vanadium, Total	41.8	47.6	69.2	**58**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657226-3 QC Sample: L2233839-61 Client ID: MS Sample										
Zinc, Total	583	47.6	565	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657230-3 QC Sample: L2233839-61 Client ID: MS Sample										
Mercury, Total	0.338	1.57	1.92	101		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657226-4 QC Sample: L2233839-61 Client ID: DUP Sample						
Arsenic, Total	14.4	16.3	mg/kg	12		20
Barium, Total	285	259	mg/kg	10		20
Cadmium, Total	0.944	1.11	mg/kg	16		20
Chromium, Total	384	388	mg/kg	1		20
Lead, Total	222	233	mg/kg	5		20
Selenium, Total	1.03	1.01	mg/kg	2		20
Silver, Total	0.776	0.920	mg/kg	17		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657230-4 QC Sample: L2233839-61 Client ID: DUP Sample						
Mercury, Total	0.338	0.318	mg/kg	6		20

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2234319
Report Date: 07/08/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1657226-6 QC Sample: L2233839-61 Client ID: DUP Sample						
Arsenic, Total	14.4	18.9	mg/kg	**31**	Q	20
Barium, Total	285	397	mg/kg	**39**	Q	20
Chromium, Total	384	554	mg/kg	**44**	Q	20
Lead, Total	222	316	mg/kg	**42**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-01
Client ID: B-2 (6-8')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 11:20
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-02
Client ID: B-2 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 11:22
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-03
Client ID: B-4 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 12:10
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-04
Client ID: B-4 (4-6')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 12:20
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-05
Client ID: B-1 (0-2')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 13:35
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234319
Report Date: 07/08/22

SAMPLE RESULTS

Lab ID: L2234319-06
Client ID: B-3 (1-3')
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/28/22 14:40
Date Received: 06/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/29/22 10:29	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234319

Report Date: 07/08/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1656832-1 QC Sample: L2234316-02 Client ID: DUP Sample						
Solids, Total	88.7	87.8	%	1		20

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

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(*)
L2234319-01A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-01B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-01C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-01D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-01E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2234319-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	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),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2234319-02A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-02B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-02C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-02D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-02E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2234319-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2234319-03A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-03B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-03C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-03D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-03E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2234319-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2234319-04A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-04B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-04C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-04D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-04E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2234319-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	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),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2234319-05A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-05B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-05C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-05D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-05E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2234319-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2234319-06A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2234319-06B	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-06C	Vial water preserved	A	NA		2.6	Y	Absent	29-JUN-22 08:16	NYTCL-8260HLW(14)
L2234319-06D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2234319-06E	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2234319-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-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)

*Values in parentheses indicate holding time in days

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234319
Report Date: 07/08/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2234319-07A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-07B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-07C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-08A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-08B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-08C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-09A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2234319-09B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

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:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

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:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

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.)

Project Name:	374 WALLABOUT	**Lab Number:**	L2234319
Project Number:	0205892	**Report Date:**	07/08/22

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/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 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: 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 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: 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), **EPA 600/4-81-045**: PCB-Oil.
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

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/28/22

ALPHA Job #: L2234319

Client Information

Client: HRA of NY
Address: 237 West, 35th Street, 16th floor, New York, NY 10123
Phone: 646 277 5690
Fax: EScheuerman@haleyaldrich.com
Email: zsimmel@haleyaldrich.com

Project Information

Project Name: 374 Wallabout
Project Location: 374 Wallabout Street, Brooklyn, NY
Project #: 0205892
(Use Project name as Project #): ☐
Project Manager: E. Scheuerman
ALPHAQuote #:

Turn-Around Time

Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other PDF + Excel

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Total Metals	VOCs (Part375 Full List)					Sample Specific Comments	Total Bottle
34319 -01	B-2 (6-8')	6/28/22	1120	S	YL	X	X	X							6
-02	B-2 (1-3')		1122	S	YL	X	X	X							6
-03	B-4 (0-2')		1210	S	YL	X	X	X							6
-04	B-4 (4-6')		1220	S	YL	X	X	X							6
-05	B-1 (0-2')		1235	S	YL	X	X	X							6
-06	B-3 (1-3')		1440	S	YL	X	X	X							6
-07	TW-1		1415	W	YL				X						3
-08	TW-2		1300	W	YL				X						3
-09	TB-20220628		—	—	—										

Container Type: V A A A
Preservative: F A A B

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Yanela Tin	6/28/22 15:20	[illegible]	6/28/22 15:20
[illegible]	6/28/22 17:45	ALPHAL	6/28/22 1930
ALPHAL	6/28	[illegible]	6/28/22 21:30
[illegible]	6/28/22 2358		6/28/22 2358

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.)

ANALYTICAL REPORT

Lab Number:	L2234400
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	374 WALLABOUT
Project Number:	0205892
Report Date:	07/01/22

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), 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: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234400
Report Date: 07/01/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2234400-01	SS-1	SOIL_VAPOR	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 11:55	06/28/22
L2234400-02	SS-2	SOIL_VAPOR	374 WALLABOUT STREET, BROOKLYN, NY	06/28/22 12:00	06/28/22

Project Name:	374 WALLABOUT	**Lab Number:**	L2234400
Project Number:	0205892	**Report Date:**	07/01/22

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:	374 WALLABOUT	**Lab Number:**	L2234400
Project Number:	0205892	**Report Date:**	07/01/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 28, 2022. The canister certification results are provided as an addendum.

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: 07/01/22

AIR

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-01
Client ID: SS-1
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 11:55
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/30/22 21:52
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.593	0.200	--	2.93	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	4.81	1.00	--	11.4	2.38	--		1
Trichlorofluoromethane	0.302	0.200	--	1.70	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	0.557	0.200	--	1.73	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	0.891	0.500	--	2.63	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-01
Client ID: SS-1
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 11:55
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	7.56	0.200	--	36.9	0.977	--		1
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	1.27	0.200	--	6.93	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	2.87	0.200	--	10.8	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	4.91	0.200	--	33.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-01
Client ID: SS-1
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 11:55
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.531	0.400	--	2.31	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
o-Xylene	0.258	0.200	--	1.12	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	0.447	0.200	--	2.20	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

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

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-02
Client ID: SS-2
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 12:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/30/22 22:30
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.564	0.200	--	2.79	0.989	--		1
Chloromethane	0.456	0.200	--	0.942	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	19.3	1.00	--	45.8	2.38	--		1
Trichlorofluoromethane	0.257	0.200	--	1.44	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	3.67	0.200	--	11.4	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	2.32	0.500	--	6.84	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-02
Client ID: SS-2
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 12:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	3.86	0.200	--	18.9	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.237	0.200	--	0.835	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.825	0.200	--	2.64	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	5.55	0.200	--	20.9	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	0.353	0.200	--	2.39	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.216	0.200	--	0.938	0.869	--		1

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

SAMPLE RESULTS

Lab ID: L2234400-02
Client ID: SS-2
Sample Location: 374 WALLABOUT STREET, BROOKLYN, NY

Date Collected: 06/28/22 12:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.768	0.400	--	3.34	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
o-Xylene	0.341	0.200	--	1.48	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	0.427	0.200	--	2.10	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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	98		60-140

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/30/22 16:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1657650-4								
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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/30/22 16:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1657650-4								
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: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/30/22 16:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1657650-4								
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: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234400
Report Date: 07/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1657650-3								
Dichlorodifluoromethane	99		-		70-130	-		
Chloromethane	82		-		70-130	-		
Freon-114	92		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	87		-		70-130	-		
Bromomethane	89		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	81		-		70-130	-		
Acetone	92		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	81		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	78		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	83		-		70-130	-		
Carbon disulfide	76		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	82		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	84		-		70-130	-		
cis-1,2-Dichloroethene	90		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234400
Report Date: 07/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1657650-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	84		-		70-130	-		
1,2-Dichloroethane	91		-		70-130	-		
n-Hexane	88		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	86		-		70-130	-		
Carbon tetrachloride	108		-		70-130	-		
Cyclohexane	85		-		70-130	-		
1,2-Dichloropropane	88		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	90		-		70-130	-		
Trichloroethene	92		-		70-130	-		
2,2,4-Trimethylpentane	88		-		70-130	-		
Heptane	87		-		70-130	-		
cis-1,3-Dichloropropene	91		-		70-130	-		
4-Methyl-2-pentanone	91		-		70-130	-		
trans-1,3-Dichloropropene	80		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	86		-		70-130	-		
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 374 WALLABOUT

Project Number: 0205892

Lab Number: L2234400

Report Date: 07/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1657650-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	88		-		70-130	-		
Bromoform	113		-		70-130	-		
Styrene	89		-		70-130	-		
1,1,2,2-Tetrachloroethane	97		-		70-130	-		
o-Xylene	90		-		70-130	-		
4-Ethyltoluene	89		-		70-130	-		
1,3,5-Trimethylbenzene	81		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	93		-		70-130	-		
1,4-Dichlorobenzene	93		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	96		-		70-130	-		
Hexachlorobutadiene	97		-		70-130	-		

Project Name: 374 WALLABOUT

Lab Number: L2234400

Project Number: 0205892

Report Date: 07/01/22

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 Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2234400-01	SS-1	01698	Flow 3	06/28/22	392350		-	-	-	Pass	18.0	17.2	5
L2234400-01	SS-1	3103	2.7L Can	06/28/22	392350	L2232720-01	Pass	-28.9	-3.9	-	-	-	-
L2234400-02	SS-2	0808	Flow 2	06/28/22	392350		-	-	-	Pass	18.0	15.9	12
L2234400-02	SS-2	2765	2.7L Can	06/28/22	392350	L2232720-01	Pass	-29.0	-6.7	-	-	-	-

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

Lab Number: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/21/22 21:13
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		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: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	101		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2232720

Project Number: CANISTER QC BAT **Report Date:** 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/21/22 21:13
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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	0.025	0.020	--	0.122	0.098	--	B	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: L2232720
Report Date: 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
1,1,2,2-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:** L2232720

Project Number: CANISTER QC BAT **Report Date:** 07/01/22

Air Canister Certification Results

Lab ID: L2232720-01
Client ID: CAN 257 SHELF 2
Sample Location:

Date Collected: 06/20/22 18:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	99		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: 374 WALLABOUT
Project Number: 0205892

Lab Number: L2234400
Report Date: 07/01/22

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(*)
L2234400-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2234400-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	374 WALLABOUT	**Lab Number:**	L2234400
Project Number:	0205892	**Report Date:**	07/01/22

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:	374 WALLABOUT	**Lab Number:**	L2234400
Project Number:	0205892	**Report Date:**	07/01/22

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:	374 WALLABOUT	**Lab Number:**	L2234400
Project Number:	0205892	**Report Date:**	07/01/22

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.)

Report Format: Data Usability Report

Project Name: 374 WALLABOUT
Project Number: 0205892
Lab Number: L2234400
Report Date: 07/01/22

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.

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/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 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: 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 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: 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), **EPA 600/4-81-045**: PCB-Oil.
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.

Serial_No:07012215:30

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 6/29/22

ALPHA Job #: L2234400

Client Information

Client: H&A of NY
Address: 237 West 35th Street, Floor 16
New York NY 10123
Phone: 646.277.5690
Fax: Escheuerman@haleyaldrich.com
Email: zsimmel@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 374 Wallabout
Project Location: 374 Wallabout Street, Brooklyn NY
Project #: 0205892
Project Manager: E. Scheuerman
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH ☐ Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
34400-01	SS-1	6/28/22	0955	1155	-30.01	-4.42	SV	YL	2.7L	3103	01698	X					
-02	SS2	6/28/22	1000	1200	-30.20	-7.04	SV	YL	2.7L	2765	0808	X					

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

Container Type: SV

Relinquished By:	Date/Time	Received By:	Date/Time:
Yanxia Lie	6/28/22 1520	[signature]	6/28/22 15:20
[signature]	6/28/22 17:45	[signature]	6/28/22 [illegible]
[signature]	6/28/22	[signature] AAL	6/28/22 2350
[signature] AAL	6/29/22 0220	[signature] AAL	6/29/22 02:20

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

Form No: 101-02 Rev: (25-Sep-15)