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20 August 2024
File No. 0211142

Via Electronic Mail

Kent Ave Property LLC
1000 Gates Avenue
Brooklyn, New York 11221

Attention: Mr. Joe Lowy

RE: Limited Phase II Environmental Site Investigation Report
667 Kent Avenue/25 Hooper Street
Brooklyn, New York

Dear Mr. Lowy:

As requested, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is providing this letter to Kent Ave Property LLC summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at the property located at 667 Kent Avenue, Brooklyn, New York (the "Site") on 30 and 31 May 2024.

SITE LOCATION AND CURRENT USE

The Site, located in the Williamsburg neighborhood of Brooklyn is identified as Block 2197, Lots 3 and 15 on the New York City Tax Map. The Site consists of an approximately 32,737 square foot (sq ft) parcel of developed land, located at 667 Kent Avenue (Lot 3) as well as an associated 22,741 sq ft parcel of developed land located west northwest at 25 Hooper Street (Lot 15), and is located in a manufacturing (M1-2) zoning district overlaid by a residential zoning district (R6). The portion of the Site on Lot 3 consists of a one-story manufacturing facility. The portion of the Site located on Lot 15 consists of a one-story manufacturing facility, storage facility, and a partial-basement. The Site is bound to the northwest by Keap Street, followed by multi-story residential buildings; to the northeast by a multi-story religious facility and a multi-story office building; to the southeast by a synagogue, followed by Hooper Street; and, to the southwest by Kent Avenue. The Site is located within a mixed-use area characterized by residential, commercial, and light industrial use properties.

BACKGROUND

Based on information presented in a Phase I Environmental Site Assessment (Phase I) completed by Haley & Aldrich of New York in August 2024, the northern portion of the Site was occupied by a Manufactured Gas Plant (MGP) Site with a gas holder from the late 1800s through the mid-1930s. Initial gas plant operations were performed under Nassau Gas Works, then later transitioned to Brooklyn Union Gas Co. by the early 1900s. The southern portion of the Site was occupied by a chrome steel

works facility in the late 1800s, consisting of a foundry, rolling mill and gas producers. Chrome steel operations ceased by the late 1910s, and the southern portion of the subject property was taken over by Bramhall Deane Co., a heavy cooking appliances manufacturer and copper smelter, which maintained ownership through the mid-1930s. The 1918 Sanborn Map identifies a UST along Keap Street during Bramhall Deane Co. operations. By the mid-1930s, Eastern Can Co. Inc., a metal can manufacturing facility, occupied the southern portion of the Site. Eastern Can Co. Inc. took over site-wide operations sometime between 1935 and 1947, at which time former gas plant operations in the northern portion of the property ceased and the area with the former gas holder was redeveloped with the existing one-story structure with a mezzanine and utilized for metal can manufacturing in conjunction with the remainder of the Site. Metal can manufacturing operations continued through the mid-1960's or later, at which time Site operations are no longer identifiable on historical sources until the late 1970s. City Directories generated by Electronic Data Resources Inc. (EDR) indicate NAP Industries, a plastic label and bag manufacturing facility, as the Site occupant beginning in 1976. No significant changes to Site features or Site use are noted since 1976 and the Site continues to operate as a plastic label and bag manufacturing facility under NAP Industries.

SUBSURFACE INVESTIGATION

On 29 May 2024, Haley & Aldrich of New York mobilized to the Site with Ground Penetrating Radar Systems (GPRS) to perform a ground penetrating radar (GPR) survey. GPRS completed subsurface utility clearance prior to the initiation of ground disturbance activities. On 30 and 31 May 2024, Haley & Aldrich of New York mobilized to the Site with Lakewood Environmental Services, Corp (Lakewood) to conduct the Limited Phase II ESI within the existing building on Lots 3 and 15. Eleven soil borings and two temporary monitoring wells were installed by direct-push drilling methods utilizing a Geoprobe® drill rig to depths between 12 and 24 feet (ft) below ground surface (bgs), until groundwater was encountered, or refusal was met. Three soil vapor points (SV-01 through SV-03) were advanced utilizing a Geoprobe® drill rig to 15 to 17 ft bgs.

A Haley & Aldrich of New York field engineer was on-site to document field observations and to collect soil, groundwater, and soil vapor samples. Boring locations were selected to further investigate contamination previously identified on the Site and evaluate potential on-site sources. The 11 soil borings were installed throughout accessible regions of the Site to depths ranging between 10 and 12 ft bgs. Three sub-slab vapor points (SV-01, SV-02, and SV-03) were installed approximately 2 ft above the groundwater interface. Two temporary monitoring wells (TW-02 and TW-03) were installed to 24 ft bgs and 20 ft bgs respectively. Sample locations are provided on Figure 1.

Fill material generally consisting of brown to dark brown medium to coarse sand and varying amounts of silt, brick, concrete and gravel was observed at surface grade down to depths between 10 to 12 ft bgs site-wide. The fill layer was underlain by a potential native layer consisting of brown medium to fine sand with varying amounts of silt and gravel extending to at least 24 ft bgs, the maximum depth of exploration. Groundwater at the Site was encountered between approximately 16 and 20 ft bgs. Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination, such as staining and odors.

Instrumental screening for the presence of organic vapors was performed using a photoionization

detector (PID). Subsurface impacts (i.e., petroleum-like odors or PID detections above 0.0 parts per million [ppm]) were observed in all borings except one, HA-SB08, which was non-detect at 0.0 ppm. PID readings were detected in all other soil borings between surface grade down to a depth of 24 ft bgs (maximum depth of exploration). The greatest impacts were observed in HA-SB09, at 120.0 ppm, detected in soils located 3 ft bgs in this boring location. Other notable PID readings (above 50 ppm) were detected in the following borings: HA-SB01 up to 74 ppm in soil between 3 and 12 ft bgs (terminal depth of boring) with petroleum-like odors between 5 to 8 ft bgs; and, HA-SB07 at 58.1 ppm in soil 3 ft bgs. Soil boring logs are included in Attachment A.

Soil sampling was biased towards intervals exhibiting subsurface impacts. Two soil samples were collected from each soil boring; one near the surface and one from the interval immediately above the groundwater interface, or the greatest depth achieved at that boring if groundwater was not encountered. Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Total Metals.

Two groundwater samples were collected from temporary monitoring wells co-located with soil borings HA-SB02 and HA-SB03 utilizing low-flow groundwater sampling techniques and analyzed for VOCs. A third temporary well was designated for installation at soil boring HA-SB01, however, drill rig refusal was met at approximately 12 ft bgs due to an abundance of crushed rock encountered in this region of the Site.

Three sub-slab soil vapor samples were collected over a 2-hour period into 2.7-liter (L) stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs.

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

ANALYTICAL RESULTS

Full analytical results for soil, groundwater, and soil vapor samples are presented in Tables 1 through 3 and summarized in Figures 2 through 4, respectively. Laboratory analytical reports are provided in Attachment B.

It should be noted that, for all matrices sampled, the “J” qualifier following a numerical result indicates that the result was less than the Reporting Limit (RL) but greater than or equal to the method detection limit for the target analyte and the concentration is an approximate value. The “D” qualifier indicates that sample results were obtained from a dilution required to enable quantification of the target analyte or interferences exceeding the calibration range of the instrument used to analyze the sample, resulting in an elevated RL for the target analyte.

Soil

Soil analytical results were compared to NYSDEC Title 6 of the New York Codes, Rules, and Regulations

(NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs).

Seven SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were identified at concentrations exceeding RRSCOs and UUSCOs in one shallow soil sample, HA-SB04_1-3, including:

- Benzo(a)anthracene (concentration 15 milligrams per kilogram [mg/kg]);
- Benzo(a)pyrene (concentration 13 mg/kg);
- Benzo(b)fluoranthene (concentration 14 mg/kg);
- Benzo(k)fluoranthene (concentration 5.2 mg/kg);
- Chrysene (concentration 15 mg/kg);
- Dibenzo(a,h)anthracene (concentration 1.7 mg/kg); and
- Indeno(1,2,3-cd)pyrene (concentration 6.9 mg/kg)

Six total metals were detected at concentrations exceeding RRSCOs and/or UUSCOs in soil samples analyzed, including:

- Arsenic above the RRSCO in two soil samples; above the UUSCO in two samples, at a maximum concentration of 25 mg/kg in HA-SB10_6-8.
- Lead above the RRSCO in four soil samples; above the UUSCO in four soil samples, at a maximum concentration of 2700 mg/kg in HA-SB09_2-4.
- Mercury above the RRSCO in two soil samples; above UUSCO in seven soil samples, at a maximum concentration of 3.69 mg/kg in HA-SB06_2-4.
- Copper above the UUSCO in five soil samples at a maximum concentration of 154 mg/kg in HA-SB06_2-4.
- Zinc above the UUSCO in six soil samples at a maximum concentration of 257 mg/kg in HA-SB04_1-3.

Two chlorinated VOCs were detected at concentrations above the laboratory detection limits, but below comparison criteria, including tetrachloroethene (PCE) in three soil samples, HA-SB07_2-4, HA-SB08_4-6, and HA-SB09_2-4 at concentrations of 0.00053 mg/kg, 0.0097 mg/kg, and 0.012 mg/kg respectively; and trichloroethene (TCE) in one soil sample, HA-SB09_2-4, at a concentration of 0.00018 mg/kg.

No VOCs were detected in any soil samples above applicable standards.

Groundwater

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

No VOCs or were detected in either groundwater sample above applicable standards.

Soil Vapor

No standard currently exists for soil vapor samples in New York State.

Total VOC concentrations in soil vapor samples ranged from 215.57 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SV-02 to a maximum concentration of 1787.09 $\mu\text{g}/\text{m}^3$ in SV-01, which was collected in the former gas holder area.

Total concentration of petroleum-related VOCs, including benzene, toluene, ethylbenzene, p,m-xylenes, o-xylene (BTEX) ranged from 5.242 $\mu\text{g}/\text{m}^3$ in SV-03 to a maximum concentration of 25.38 $\mu\text{g}/\text{m}^3$ in SV-02.

Three chlorinated VOCs were detected in soil vapor samples, including 1,1,1-trichloroethane in all three samples (maximum concentration 11.9 $\mu\text{g}/\text{m}^3$ in SV-01), PCE in two samples (maximum concentration 484 $\mu\text{g}/\text{m}^3$ in both SV-03) and trichloroethene in one sample at a concentration of 3.42 $\mu\text{g}/\text{m}^3$ in SV-3). Total concentration of chlorinated VOCs (CVOCs) ranged from 11.9 $\mu\text{g}/\text{m}^3$ to a maximum concentration of 493.37 $\mu\text{g}/\text{m}^3$. No other CVOCs were detected above laboratory detection limits in soil vapor samples analyzed.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results identify metal- and PAH-impacted fill material throughout the Site soil at the surface down to at least 12 ft bgs. The CVOCs, TCE and PCE, that were detected in soil vapor were also detected in on-site soils, indicative of a potential on-site source. Further investigation would be required to determine if an on-site source of chlorinated VOCs exists

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

Sincerely,

H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP



Elizabeth Scheuerman
Project Manager



James M. Bellew
Principal

Enclosures:

- Table 1 – Summary of Soil Quality Data
- Table 2 – Summary of Groundwater Quality Data
- Table 3 – Summary of Soil Gas Quality Data
- Figure 1 – Sample Location Plan
- Figure 2 – Map of Soil Chemistry
- Figure 3 – Map of Groundwater Chemistry
- Figure 4 – Map of Soil Vapor Chemistry
- Attachment A – Soil Boring Logs
- Attachment B – Analytical Laboratory Reports

TABLES

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level		HA-SB01	HA-SB04	HA-SB05	HA-SB06	HA-SB07	HA-SB08	HA-SB09	HA-SB10	HA-SB11
	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	HA-SB01_2-4 05/31/2024 L2430343-01 2 - 4 (ft)	HA-SB04_1-3 05/30/2024 L2429938-11 1 - 3 (ft)	HA-SB05_4-6 05/30/2024 L2429938-05 4 - 6 (ft)	HA-SB06_2-4 05/30/2024 L2429938-01 2 - 4 (ft)	HA-SB07_2-4 05/30/2024 L2429938-08 2 - 4 (ft)	HA-SB08_4-6 05/30/2024 L2429938-06 4 - 6 (ft)	HA-SB09_2-4 05/30/2024 L2429938-09 2 - 4 (ft)	HA-SB10_6-8 05/30/2024 L2429938-13 6 - 8 (ft)	HA-SB11_10-12 05/30/2024 L2429938-15 10 - 12 (ft)
Volatile Organic Compounds (mg/kg)											
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
1,1,1-Trichloroethane	100	0.68	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
1,1,2-Trichloroethane	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,1-Dichloroethane	26	0.27	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,1-Dichloroethene	100	0.33	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,1-Dichloropropene	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,2,3-Trichloropropane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,2,4,5-Tetramethylbenzene	NA	NA	0.00016 J	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	0.0001 J	ND (0.0024)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,2,4-Trimethylbenzene	52	3.6	0.00043 J	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	0.00028 J	ND (0.0024)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0024)	ND (0.0037)	ND (0.0019)	ND (0.0018)	ND (0.0031)	ND (0.0041)	ND (0.0037)	ND (0.0016)	ND (0.0036)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,2-Dichlorobenzene	100	1.1	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,2-Dichloroethane	3.1	0.02	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,2-Dichloroethene (total)	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,2-Dichloropropane	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
1,3,5-Trimethylbenzene	52	8.4	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	0.00012 J	ND (0.0024)
1,3-Dichlorobenzene	49	2.4	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,3-Dichloropropane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,3-Dichloropropene	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
1,4-Dichlorobenzene	13	1.8	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
1,4-Diethylbenzene	NA	NA	0.0002 J	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	0.0002 J	ND (0.0024)
1,4-Dioxane	13	0.1	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
2,2-Dichloropropane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
2-Butanone (Methyl Ethyl Ketone)	100	0.12	ND (0.0081)	ND (0.012)	ND (0.0063)	ND (0.006)	ND (0.01)	ND (0.014)	ND (0.012)	0.002 J	ND (0.012)
2-Chlorotoluene	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0081)	ND (0.012)	ND (0.0063)	ND (0.006)	ND (0.01)	ND (0.014)	ND (0.012)	ND (0.0055)	ND (0.012)
2-Phenylbutane (sec-Butylbenzene)	100	11	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
4-Chlorotoluene	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0081)	ND (0.012)	ND (0.0063)	ND (0.006)	ND (0.01)	ND (0.014)	ND (0.012)	ND (0.0055)	ND (0.012)
Acetone	100	0.05	ND (0.0081)	0.012	0.0066	0.0035 J	0.015	0.015	0.01 J	0.021	0.033
Acrylonitrile	NA	NA	ND (0.0032)	ND (0.0049)	ND (0.0025)	ND (0.0024)	ND (0.0042)	ND (0.0054)	ND (0.0049)	ND (0.0022)	ND (0.0048)
Benzene	4.8	0.06	0.00015 J	ND (0.00061)	0.0002 J	0.00021 J	ND (0.00052)	ND (0.00068)	ND (0.00062)	0.0003	ND (0.0006)
Bromobenzene	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Bromodichloromethane	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
Bromoform	NA	NA	ND (0.0032)	ND (0.0049)	ND (0.0025)	ND (0.0024)	ND (0.0042)	ND (0.0054)	ND (0.0049)	ND (0.0022)	ND (0.0048)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Carbon disulfide	NA	NA	ND (0.0081)	ND (0.012)	ND (0.0063)	ND (0.006)	ND (0.01)	ND (0.014)	ND (0.012)	ND (0.0055)	ND (0.012)
Carbon tetrachloride	2.4	0.76	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
Chlorobenzene	100	1.1	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
Chlorobromomethane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Chloroethane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Chloroform (Trichloromethane)	49	0.37	ND (0.0012)	ND (0.0018)	ND (0.00094)	ND (0.0009)	ND (0.0016)	ND (0.002)	ND (0.0018)	ND (0.00082)	ND (0.0018)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0032)	ND (0.0049)	ND (0.0025)	ND (0.0024)	ND (0.0042)	ND (0.0054)	ND (0.0049)	ND (0.0022)	ND (0.0048)
cis-1,2-Dichloroethene	100	0.25	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
cis-1,3-Dichloropropene	NA	NA	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	ND (0.00052)	ND (0.00068)	ND (0.00062)	ND (0.00027)	ND (0.0006)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
Dibromochloromethane	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
Dibromomethane	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0081)	ND (0.012)	ND (0.0063)	ND (0.006)	ND (0.01)	ND (0.014)	ND (0.012)	ND (0.0055)	ND (0.012)
Ethyl Ether	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Ethylbenzene	41	1	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
Hexachlorobutadiene	NA	NA	ND (0.0032)	ND (0.0049)	ND (0.0025)	ND (0.0024)	ND (0.0042)	ND (0.0054)	ND (0.0049)	ND (0.0022)	ND (0.0048)
Isopropylbenzene (Cumene)	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
m,p-Xylenes	NA	NA	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Methyl Tert Butyl Ether (MTBE)	100	0.93	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Methylene chloride (Dichloromethane)	100	0.05	ND (0.0041)	ND (0.0061)	ND (0.0031)	ND (0.003)	ND (0.0052)	ND (0.0068)	ND (0.0062)	ND (0.0027)	ND (0.006)
Naphthalene	100	12	0.00047 J	0.0024 J	ND (0.0025)	ND (0.0024)	ND (0.0042)	ND (0.0054)	ND (0.0049)	0.014	ND (0.0048)
n-Butylbenzene	100	12	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
n-Propylbenzene	100	3.9	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
o-Xylene	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
Styrene	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
tert-Butylbenzene	100	5.9	ND (0.0016)	ND (0.0024)	ND (0.0012)	ND (0.0012)	ND (0.0021)	ND (0.0027)	ND (0.0025)	ND (0.0011)	ND (0.0024)
Tetrachloroethene	19	1.3	ND (0.00041)	ND (0.00061)	ND (0.00031)	ND (0.0003)	0.00053	0.0097	0.012	ND (0.00027)	ND (0.0006)
Toluene	100	0.7	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
trans-1,2-Dichloroethene	100	0.19	ND (0.0012)	ND (0.0018)	ND (0.00094)	ND (0.0009)	ND (0.0016)	ND (0.002)	ND (0.0018)	ND (0.00082)	ND (0.0018)
trans-1,3-Dichloropropene	NA	NA	ND (0.00081)	ND (0.0012)	ND (0.00063)	ND (0.0006)	ND (0.001)	ND (0.0014)	ND (0.0012)	ND (0.00055)	ND (0.0012)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0041)	ND (0.0061)	ND (0.0031)	ND (0.003)	ND				

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level		HA-SB01	HA-SB04	HA-SB05	HA-SB06	HA-SB07	HA-SB08	HA-SB09	HA-SB10	HA-SB11
	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	HA-SB01_2-4 05/31/2024 L2430343-01 2 - 4 (ft)	HA-SB04_1-3 05/30/2024 L2429938-11 1 - 3 (ft)	HA-SB05_4-6 05/30/2024 L2429938-05 4 - 6 (ft)	HA-SB06_2-4 05/30/2024 L2429938-01 2 - 4 (ft)	HA-SB07_2-4 05/30/2024 L2429938-08 2 - 4 (ft)	HA-SB08_4-6 05/30/2024 L2429938-06 4 - 6 (ft)	HA-SB09_2-4 05/30/2024 L2429938-09 2 - 4 (ft)	HA-SB10_6-8 05/30/2024 L2429938-13 6 - 8 (ft)	HA-SB11_10-12 05/30/2024 L2429938-15 10 - 12 (ft)
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
1,2,4-Trichlorobenzene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
1,2-Dichlorobenzene	100	1.1	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
1,3-Dichlorobenzene	49	2.4	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
1,4-Dichlorobenzene	13	1.8	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
1,4-Dioxane	13	0.1	ND (0.027)	ND (0.13)	ND (0.029)	ND (0.14)	ND (0.026)	ND (0.029)	ND (0.028)	ND (0.026)	ND (0.028)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.22)	ND (1.1)	ND (0.23)	ND (1.1)	ND (0.21)	ND (0.23)	ND (0.22)	ND (0.21)	ND (0.22)
2,4,5-Trichlorophenol	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2,4,6-Trichlorophenol	NA	NA	ND (0.11)	ND (0.54)	ND (0.12)	ND (0.54)	ND (0.1)	ND (0.11)	ND (0.11)	ND (0.1)	ND (0.11)
2,4-Dichlorophenol	NA	NA	ND (0.16)	ND (0.81)	ND (0.17)	ND (0.81)	ND (0.16)	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.17)
2,4-Dimethylphenol	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2,4-Dinitrophenol	NA	NA	ND (0.87)	ND (4.3)	ND (0.93)	ND (4.3)	ND (0.85)	ND (0.92)	ND (0.88)	ND (0.83)	ND (0.88)
2,4-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2,6-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2-Chloronaphthalene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2-Chlorophenol	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2-Methylnaphthalene	NA	NA	ND (0.22)	1.6	ND (0.23)	0.14 J	ND (0.21)	ND (0.23)	ND (0.22)	0.12 J	ND (0.22)
2-Methylphenol (o-Cresol)	100	0.33	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2-Nitroaniline	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
2-Nitrophenol	NA	NA	ND (0.39)	ND (1.9)	ND (0.42)	ND (2)	ND (0.38)	ND (0.41)	ND (0.4)	ND (0.38)	ND (0.4)
3&4-Methylphenol	NA	NA	ND (0.26)	ND (1.3)	ND (0.28)	ND (1.3)	ND (0.25)	ND (0.28)	0.042 J	0.027 J	ND (0.26)
3,3'-Dichlorobenzidine	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
3-Nitroaniline	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.47)	ND (2.3)	ND (0.5)	ND (2.4)	ND (0.46)	ND (0.5)	ND (0.48)	ND (0.45)	ND (0.48)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4-Chloro-3-methylphenol	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4-Chloroaniline	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4-Nitroaniline	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
4-Nitrophenol	NA	NA	ND (0.25)	ND (1.2)	ND (0.27)	ND (1.3)	ND (0.25)	ND (0.27)	ND (0.26)	ND (0.24)	ND (0.26)
Acenaphthene	100	20	0.13 J	5.2	0.029 J	0.11 J	ND (0.14)	ND (0.15)	ND (0.15)	0.16	0.019 J
Acenaphthylene	100	100	0.043 J	1.6	0.034 J	ND (0.72)	ND (0.14)	ND (0.15)	ND (0.15)	0.06 J	0.028 J
Acetophenone	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Anthracene	100	100	0.22	8.9	0.07 J	0.3 J	ND (0.1)	ND (0.11)	ND (0.11)	0.32	0.061 J
Benzo(a)anthracene	1	1	0.57	15	0.23	0.77	0.028 J	0.032 J	0.037 J	0.7	0.26
Benzo(a)pyrene	1	1	0.54	13	0.25	0.49 J	ND (0.14)	ND (0.15)	0.097 J	0.7	0.31
Benzo(b)fluoranthene	1	1	0.67	14	0.3	0.68	0.041 J	0.066 J	ND (0.11)	0.29	0.38
Benzo(g,h,i)perylene	100	100	0.33	7.1	0.15	0.4 J	0.028 J	0.036 J	0.18	0.4	0.19
Benzo(k)fluoranthene	3.9	0.8	0.21	5.2	0.083 J	0.26 J	ND (0.1)	ND (0.11)	ND (0.11)	0.27	0.11
Benzoic acid	NA	NA	ND (0.58)	ND (2.9)	ND (0.62)	ND (2.9)	ND (0.62)	ND (0.62)	0.23 J	ND (0.56)	ND (0.6)
Benzyl Alcohol	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Biphenyl	NA	NA	ND (0.41)	0.43 J	ND (0.44)	ND (2.1)	ND (0.4)	ND (0.44)	ND (0.42)	0.024 J	ND (0.42)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.2)	ND (0.97)	ND (0.21)	ND (0.98)	ND (0.19)	ND (0.21)	ND (0.2)	ND (0.19)	ND (0.2)
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	ND (0.81)	ND (0.17)	ND (0.81)	ND (0.16)	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.17)
bis(2-Ethylhexyl)phthalate	NA	NA	3.6	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	2.2	ND (0.18)
Butyl benzylphthalate (BBP)	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Carbazole	NA	NA	0.08 J	3	0.024 J	0.23 J	ND (0.18)	ND (0.19)	ND (0.18)	0.14 J	0.03 J
Chrysene	3.9	1	0.55	15	0.25	0.75	0.034 J	0.049 J	0.033 J	0.72	0.27
Dibenz(a,h)anthracene	0.33	0.33	0.078 J	1.7	0.041 J	0.1 J	ND (0.1)	ND (0.11)	0.064 J	0.1	0.042 J
Dibenzofuran	59	7	0.05 J	3.4	ND (0.19)	0.13 J	ND (0.18)	ND (0.19)	ND (0.18)	0.1 J	ND (0.18)
Diethyl phthalate	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Dimethyl phthalate	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Fluoranthene	100	100	1.4	51	0.47	1.2	0.044 J	0.027 J	ND (0.11)	1.4	0.49
Fluorene	100	30	0.096 J	5.3	0.027 J	0.11 J	ND (0.18)	ND (0.19)	ND (0.18)	0.16 J	0.021 J
Hexachlorobenzene	1.2	0.33	ND (0.11)	ND (0.54)	ND (0.12)	ND (0.54)	ND (0.1)	ND (0.11)	ND (0.11)	ND (0.1)	ND (0.11)
Hexachlorobutadiene	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Hexachlorocyclopentadiene	NA	NA	ND (0.52)	ND (2.6)	ND (0.55)	ND (2.6)	ND (0.55)	ND (0.55)	ND (0.52)	ND (0.5)	ND (0.53)
Hexachloroethane	NA	NA	ND (0.14)	ND (0.72)	ND (0.15)	ND (0.72)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.33	6.9	0.14 J	0.33 J	ND (0.14)	0.029 J	ND (0.15)	0.4	0.17
Isophorone	NA	NA	ND (0.16)	ND (0.81)	ND (0.17)	ND (0.81)	ND (0.16)	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.17)
Naphthalene	100	12	0.031 J	3	ND (0.19)	0.14 J	ND (0.18)	ND (0.19)	ND (0.18)	0.24	0.03 J
Nitrobenzene	NA	NA	ND (0.16)	ND (0.81)	ND (0.17)	ND (0.81)	ND (0.16)	ND (0.17)	ND (0.16)	ND (0.16)	ND (0.17)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.72)	ND (0.15)	ND (0.72)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Pentachlorophenol	6.7	0.8	ND (0.14)	ND (0.72)	ND (0.15)	ND (0.72)	ND (0.14)	ND (0.15)	ND (0.15)	ND (0.14)	ND (0.15)
Phenanthrene	100	100	1.2	52	0.32	1.3	0.028 J	0.037 J	ND (0.11)	1.3	0.28
Phenol	100	0.33	ND (0.18)	ND (0.9)	ND (0.19)	ND (0.9)	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.17)	ND (0.18)
Pyrene	100	100	1.2	35	0.43	1.1	0.045 J	0.028 J	ND (0.11)	1.3	0.45
Inorganic Compounds (mg/kg)											
Aluminum	NA	NA	6400	3720	4880	5080	3110	8210	8260	4140	5140
Antimony	NA	NA	0.364 J	1.93 J	0.524 J	13.3	9.88 J	0.497 J	204	4.61	1.83 J
Arsenic	16	13	4.07	6.37	11.2	14.9	13.7	6.58	17.6	25	7.36
Barium	400	350	82.4	180	78.5	99.4	36.1	63.8	55.1	83.4	114
Beryllium	72	7.2	0.28 J	0.266 J	0.292 J	0.349 J	0.16 J	0.507	0.456	0.279 J	0.308 J
Cadmium	4.3	2.5	0.293 J	0.438 J	0.159 J	0.21 J	ND (4.15)	0.168 J	0.145 J	0.089 J	0.539 J
Calcium	NA	NA	9800	30000	5610	80200	1870	9870	4910	11500	6950
Chromium	NA	NA	11.4	9.08	13.6	188	256	12.8	21.9	13.5	12.6
Cobalt	NA	NA	5.4	3.76	4.46	10.8	16.2	7.8	10	6.73	5.33
Copper	270	50	34.6	59.1	19	154	99	19.1	61.1	31	62.7
Iron	NA	NA	11700	9940	12500	75300	103000	16000	35100	31100	25600
Lead	400	63	1230	1410	208	323	201	27.4	2700	305	656
Magnesium	NA	NA	2780	5730	2340	4490	762	2510	3260	2720	1780
Manganese	2000	1600	219	178	192	1160	743	335	460	254	300
Mercury	0.81	0.18	0.403	0.461	0.311	3.69					

TABLE II
SUMMARY OF GROUNDWATER QUALITY DATA
 667 KENT AVENUE
 BROOKLYN, NEW YORK
 FILE NO. 0211142

Location Name Sample Name Sample Date Lab Sample ID	Action Level	HA-TW02	HA-TW03
	New York TOGS 111 Ambient Water Quality Standards	HA-TW02-20240531 05/31/2024 L2430343-05	HA-TW03-20240531 05/31/2024 L2430343-06
Volatile Organic Compounds (ug/L)			
1,1,1,2-Tetrachloroethane	5	ND (2.5)	ND (2.5)
1,1,1-Trichloroethane	5	ND (2.5)	ND (2.5)
1,1,2,2-Tetrachloroethane	5	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	1	ND (1.5)	ND (1.5)
1,1-Dichloroethane	5	ND (2.5)	ND (2.5)
1,1-Dichloroethene	5	ND (0.5)	ND (0.5)
1,1-Dichloropropene	5	ND (2.5)	ND (2.5)
1,2,3-Trichlorobenzene	5	ND (2.5)	ND (2.5)
1,2,3-Trichloropropane	0.04	ND (2.5)	ND (2.5)
1,2,4,5-Tetramethylbenzene	5	ND (2)	ND (2)
1,2,4-Trichlorobenzene	5	ND (2.5)	ND (2.5)
1,2,4-Trimethylbenzene	5	ND (2.5)	ND (2.5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (2.5)	ND (2.5)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (2)	ND (2)
1,2-Dichlorobenzene	3	ND (2.5)	ND (2.5)
1,2-Dichloroethane	0.6	ND (0.5)	ND (0.5)
1,2-Dichloroethene (total)	NA	ND (2.5)	ND (2.5)
1,2-Dichloropropane	1	ND (1)	ND (1)
1,3,5-Trimethylbenzene	5	ND (2.5)	ND (2.5)
1,3-Dichlorobenzene	3	ND (2.5)	ND (2.5)
1,3-Dichloropropane	5	ND (2.5)	ND (2.5)
1,3-Dichloropropene	0.4	ND (0.5)	ND (0.5)
1,4-Dichlorobenzene	3	ND (2.5)	ND (2.5)
1,4-Diethylbenzene	NA	ND (2)	ND (2)
1,4-Dioxane	0.35	ND (250)	ND (250)
2,2-Dichloropropane	5	ND (2.5)	ND (2.5)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)
2-Chlorotoluene	5	ND (2.5)	ND (2.5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (2.5)	ND (2.5)
4-Chlorotoluene	5	ND (2.5)	ND (2.5)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	ND (2)	ND (2)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)
Acetone	50	ND (5)	1.6 J
Acrylonitrile	5	ND (5)	ND (5)
Benzene	1	0.41 J	ND (0.5)
Bromobenzene	5	ND (2.5)	ND (2.5)
Bromodichloromethane	50	ND (0.5)	ND (0.5)
Bromoform	50	ND (2)	ND (2)
Bromomethane (Methyl Bromide)	5	ND (2.5)	ND (2.5)
Carbon disulfide	60	ND (5)	ND (5)
Carbon tetrachloride	5	ND (0.5)	ND (0.5)
Chlorobenzene	5	ND (2.5)	ND (2.5)
Chlorobromomethane	5	ND (2.5)	ND (2.5)
Chloroethane	5	ND (2.5)	ND (2.5)
Chloroform (Trichloromethane)	7	ND (2.5)	ND (2.5)
Chloromethane (Methyl Chloride)	5	ND (2.5)	ND (2.5)
cis-1,2-Dichloroethene	5	ND (2.5)	ND (2.5)
cis-1,3-Dichloropropene	0.4	ND (0.5)	ND (0.5)
Cymene (p-Isopropyltoluene)	5	ND (2.5)	ND (2.5)
Dibromochloromethane	50	ND (0.5)	ND (0.5)
Dibromomethane	5	ND (5)	ND (5)
Dichlorodifluoromethane (CFC-12)	5	ND (5)	ND (5)
Ethyl Ether	NA	ND (2.5)	ND (2.5)
Ethylbenzene	5	ND (2.5)	ND (2.5)
Hexachlorobutadiene	0.5	ND (2.5)	ND (2.5)
Isopropylbenzene (Cumene)	5	ND (2.5)	ND (2.5)
m,p-Xylenes	5	ND (2.5)	ND (2.5)
Methyl Tert Butyl Ether (MTBE)	10	ND (2.5)	ND (2.5)
Methylene chloride (Dichloromethane)	5	ND (2.5)	ND (2.5)
Naphthalene	10	ND (2.5)	ND (2.5)
n-Butylbenzene	5	ND (2.5)	ND (2.5)
n-Propylbenzene	5	ND (2.5)	ND (2.5)
o-Xylene	5	ND (2.5)	ND (2.5)
Styrene	5	ND (2.5)	ND (2.5)
tert-Butylbenzene	5	ND (2.5)	ND (2.5)
Tetrachloroethene	5	ND (0.5)	0.21 J
Toluene	5	ND (2.5)	ND (2.5)
trans-1,2-Dichloroethene	5	ND (2.5)	ND (2.5)
trans-1,3-Dichloropropene	0.4	ND (0.5)	ND (0.5)
trans-1,4-Dichloro-2-butene	5	ND (2.5)	ND (2.5)
Trichloroethene	5	ND (0.5)	ND (0.5)
Trichlorofluoromethane (CFC-11)	5	ND (2.5)	ND (2.5)
Vinyl acetate	NA	ND (5)	ND (5)
Vinyl chloride	2	ND (1)	ND (1)
Xylene (Total)	5	ND (2.5)	ND (2.5)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

-: Not Analyzed

J: Value is estimated.

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

- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.

- Bold indicates an exceedance of the New York TOGS 111 Ambient Water Quality Standards.

**TABLE III
SUMMARY OF SOIL GAS QUALITY DATA**

667 KENT AVENUE
BROOKLYN, NEW YORK
FILE NO. 0211142

Location Name	SV-01	SV-02	SV-03
Sample Name	SV-01-20240531	SV-02-20240531	SV-03-20240531
Sample Date	05/31/2024	05/31/2024	05/31/2024
Lab Sample ID	L2430348-01	L2430348-02	L2430348-03
Volatile Organic Compounds (ug/m3)			
1,1,1-Trichloroethane	11.9	10.8	5.95
1,1,2,2-Tetrachloroethane	ND (1.37)	ND (1.37)	ND (1.37)
1,1,2-Trichloroethane	ND (1.09)	ND (1.09)	ND (1.09)
1,1-Dichloroethane	16.8	ND (0.809)	ND (0.809)
1,1-Dichloroethene	ND (0.793)	ND (0.793)	ND (0.793)
1,2,4-Trichlorobenzene	ND (1.48)	ND (1.48)	ND (1.48)
1,2,4-Trimethylbenzene	2.71	ND (0.983)	1.05
1,2-Dibromoethane (Ethylene Dibromide)	ND (1.54)	ND (1.54)	ND (1.54)
1,2-Dichlorobenzene	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	ND (0.809)	ND (0.809)	ND (0.809)
1,2-Dichloropropane	ND (0.924)	ND (0.924)	ND (0.924)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (1.4)	ND (1.4)	ND (1.4)
1,3,5-Trimethylbenzene	1.93	ND (0.983)	ND (0.983)
1,3-Butadiene	ND (0.442)	ND (0.442)	ND (0.442)
1,3-Dichlorobenzene	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	ND (0.721)	ND (0.721)	ND (0.721)
2,2,4-Trimethylpentane	ND (0.934)	ND (0.934)	ND (0.934)
2-Butanone (Methyl Ethyl Ketone)	14.9	ND (1.47)	ND (1.47)
2-Hexanone (Methyl Butyl Ketone)	2.52	ND (0.82)	ND (0.82)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	ND (0.983)	ND (0.983)	ND (0.983)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	13.7	ND (2.05)	ND (2.05)
Acetone	195	ND (2.38)	3.75
Allyl chloride	ND (0.626)	ND (0.626)	ND (0.626)
Benzene	4.98	19.7	ND (0.639)
Benzyl Chloride (alpha-Chlorotoluene)	ND (1.04)	ND (1.04)	ND (1.04)
Bromodichloromethane	ND (1.34)	ND (1.34)	ND (1.34)
Bromoform	ND (2.07)	ND (2.07)	ND (2.07)
Bromomethane (Methyl Bromide)	ND (0.777)	ND (0.777)	ND (0.777)
Carbon disulfide	24.8	4.89	ND (0.623)
Carbon tetrachloride	ND (1.26)	ND (1.26)	ND (1.26)
Chlorobenzene	ND (0.921)	ND (0.921)	ND (0.921)
Chloroethane	ND (0.528)	ND (0.528)	ND (0.528)
Chloroform (Trichloromethane)	1.45	ND (0.977)	4.19
Chloromethane (Methyl Chloride)	ND (0.413)	ND (0.413)	ND (0.413)
cis-1,2-Dichloroethene	ND (0.793)	ND (0.793)	ND (0.793)
cis-1,3-Dichloropropene	ND (0.908)	ND (0.908)	ND (0.908)
Cyclohexane	2.09	7.37	0.981
Dibromochloromethane	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	4.06	2.61	2.36
Ethanol	1340	44.7	31.5
Ethyl acetate	62.7	10.5	5.77
Ethylbenzene	1.84	0.89	ND (0.869)
Hexachlorobutadiene	ND (2.13)	ND (2.13)	ND (2.13)
Hexane	ND (0.705)	17	ND (0.705)
Isopropyl Alcohol (2-Propanol)	13.8	3.1	1.86
m,p-Xylenes	5.47	ND (1.74)	2.53
Methyl Tert Butyl Ether (MTBE)	ND (0.721)	ND (0.721)	ND (0.721)
Methylene chloride (Dichloromethane)	ND (1.74)	ND (1.74)	ND (1.74)
Naphthalene	29.2	ND (1.05)	ND (1.05)
N-Heptane	25.3	13.1	ND (0.82)
o-Xylene	2.68	ND (0.869)	1.83
Styrene	ND (0.852)	ND (0.852)	ND (0.852)
Tert-Butyl Alcohol (tert-Butanol)	ND (1.52)	ND (1.52)	ND (1.52)
Tetrachloroethene	ND (1.36)	71.9	484
Tetrahydrofuran	3.98	2.78	ND (1.47)
Toluene	5.28	4.79	0.882
trans-1,2-Dichloroethene	ND (0.793)	ND (0.793)	ND (0.793)
trans-1,3-Dichloropropene	ND (0.908)	ND (0.908)	ND (0.908)
Trichloroethene	ND (1.07)	ND (1.07)	3.42
Trichlorofluoromethane (CFC-11)	ND (1.12)	1.44	1.93
Trifluorotrchloroethane (Freon 113)	ND (1.53)	ND (1.53)	ND (1.53)
Vinyl Bromide (Bromoethene)	ND (0.874)	ND (0.874)	ND (0.874)
Vinyl chloride	ND (0.511)	ND (0.511)	ND (0.511)
SUM of VOCs	1787.09	215.57	552.003
SUM of CVOCs	11.9	82.7	493.37
SUM of BTEX	20.25	25.38	5.242

ABBREVIATIONS AND NOTES:

$\mu\text{g}/\text{m}^3$: micrograms per cubic meter

BTEX: Benzene, Toluene, Ethylbenzene, Xylenes

CVOCs: Chlorinated volatile organic compounds

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

VOCs: Volatile Organic Compounds

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

- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene,






cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride

FIGURES

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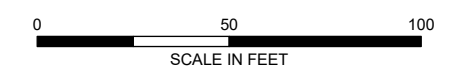


LEGEND

-  SITE BOUNDARY
-  PARCEL BOUNDARY
-  SOIL SAMPLE LOCATION
-  SOIL & GROUNDWATER SAMPLE LOCATION
-  SOIL VAPOR SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024



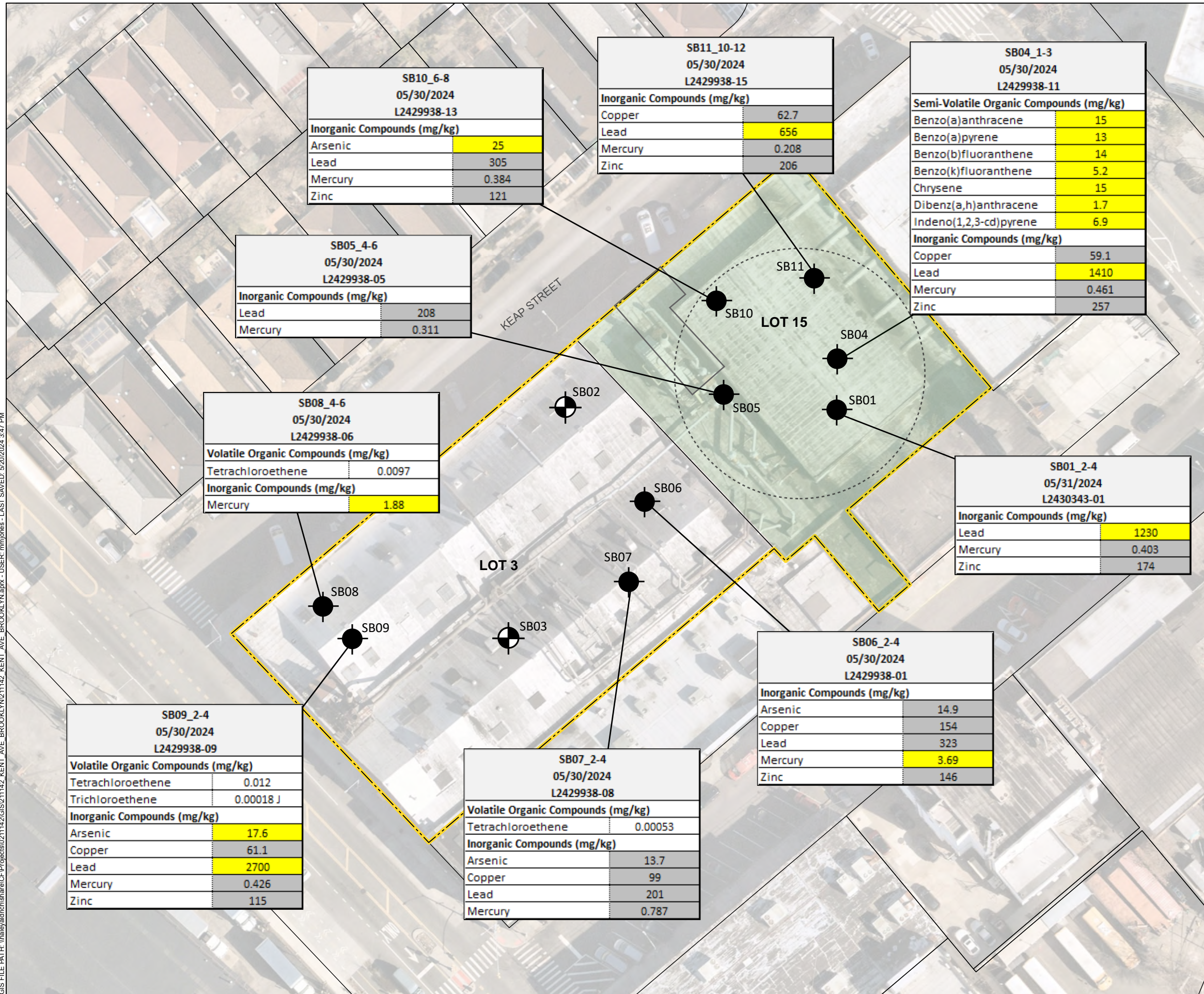
HALEY ALDRICH PHASE I ENVIRONMENTAL SITE ASSESSMENT
 667 KENT AVENUE / 25 HOOPER STREET
 BROOKLYN, NEW YORK

SAMPLE LOCATION PLAN

AUGUST 2024

FIGURE 1

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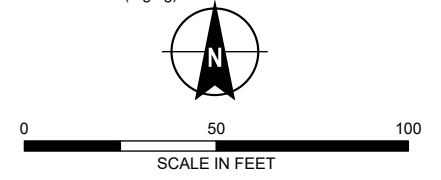
LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- FORMER MANUFACTURED GAS PLANT (LOT 15)
- APPROXIMATE LOCATION OF FORMER GAS HOLDER
- SOIL BORING LOCATION (HALEY & ALDRICH OF NEW YORK, JUNE 2024)
- SOIL BORING & TEMPORARY WELL LOCATION (HALEY & ALDRICH OF NEW YORK, JUNE 2024)

Analyte	NY Part 375 RRSCO	NY Part 375 UUSCO
Volatile Organic Compounds (mg/kg)		
Tetrachloroethene	19	1.3
Trichloroethene	21	0.47
Semi-Volatile Organic Compounds (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	3.9	0.8
Chrysene	3.9	1
Dibenz(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Inorganic Compounds (mg/kg)		
Arsenic	16	13
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Zinc	10000	109

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024.
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 (SCOS), RESTRICTED-RESIDENTIAL SCOS, AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.
5. NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCO (RRSCO)
6. NYSDEC PART 375 UNRESTRICTED USE SCO (UUSCO)
7. SB02 AND SB03 RESULTS DID NOT EXCEED COMPARISON CRITERIA.
8. EXCEEDANCES OF UUSCOs ARE SHADED GRAY.
9. EXCEEDANCES OF UUSCOs & RRSCOs ARE SHADED YELLOW.
10. ESTIMATED VALUE (J).
11. MILLIGRAMS PER KILOGRAM (mg/kg)



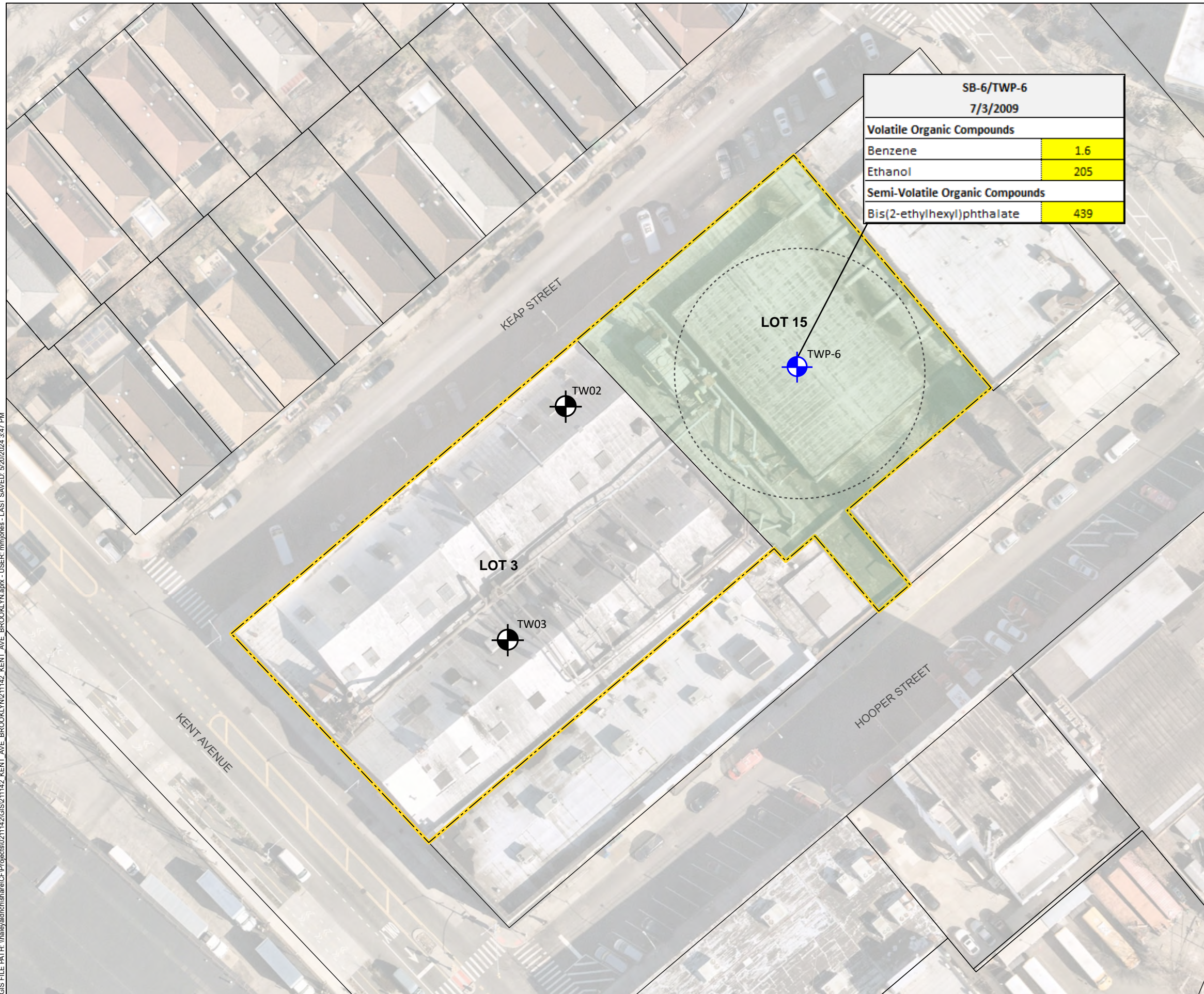
HALEY ALDRICH 667 KENT AVENUE / 25 HOOPER STREET
BROOKLYN, NEW YORK

MAP OF SOIL CHEMISTRY

AUGUST 2024

FIGURE 2

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SB-6/TWP-6	
7/3/2009	
Volatile Organic Compounds	
Benzene	1.6
Ethanol	205
Semi-Volatile Organic Compounds	
Bis(2-ethylhexyl)phthalate	439

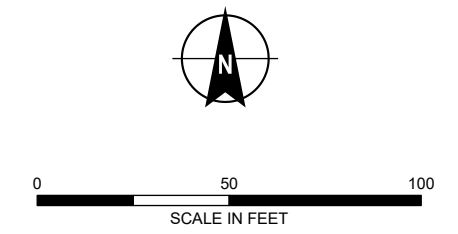
LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- FORMER MANUFACTURED GAS PLANT (LOT 15)
- APPROXIMATE LOCATION OF FORMER GAS HOLDER
- +
 TEMPORARY MONITORING WELL LOCATION.
(HALEY & ALDRICH OF NEW YORK, JUNE 2024)
- +
 TEMPORARY MONITORING WELL LOCATION
(LANGAN, JUNE 2009)

Analyte	NY-AWQS	Units
Volatile Organic Compounds by EPA Method 5030		
Benzene	1	µg/L
Ethanol	50	µg/L
Semi-Volatile Organic Compounds by EPA Method 8270C		
Bis(2-ethylhexyl)phthalate	5	µg/L

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY AERIAL IMAGERY
SOURCE: NEARMAP, 8 MARCH 2024.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
4. EXCEEDANCES OF THE NYSDEC AWQS ARE SHADED YELLOW.
7. TWP-01, TWP-02 AND TWP-03 RESULTS DID NOT EXCEED GROUNDWATER COMPARISON CRITERIA.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).



HALEY ALDRICH 667 KENT AVENUE / 25 HOOPER STREET
BROOKLYN, NEW YORK

MAP OF GROUNDWATER CHEMISTRY

AUGUST 2024

FIGURE 3

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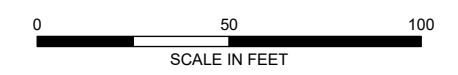


LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- FORMER MANUFACTURED GAS PLANT (LOT 15)
- APPROXIMATE LOCATION OF FORMER GAS HOLDER
- ▲ SOIL VAPOR SAMPLE LOCATION (HALEY & ALDRICH OF NEW YORK, JUNE 2024)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024
4. SOIL VAPOR ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER CUBIC METER (µg/m³)
6. CHLORINATED VOLATILE ORGANIC COMPOUNDS (CVOCS)
7. TOTAL DETECTED CONCENTRATION OF BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES (BTEX)



SV-01 5/31/2024 L2430348-01	
Volatile Organics in Air	
1,1,1-Trichloroethane	11.9
Total VOCs	1787.09
Total BTEX	20.25
Total CVOCS	11.9

SV-03 5/31/2024 L2430348-03	
Volatile Organics in Air	
1,1,1-Trichloroethane	5.95
Tetrachloroethene	484
Trichloroethene	3.42
Total VOCs	552.003
Total BTEX	5.242
Total CVOCS	493.37

SV-02 5/31/2024 L2430348-02	
Volatile Organics in Air	
1,1,1-Trichloroethane	10.8
Tetrachloroethene	71.9
Total VOCs	215.57
Total BTEX	25.38
Total CVOCS	82.7

HALEY ALDRICH 667 KENT AVENUE / 25 HOOPER STREET
BROOKLYN, NEW YORK

MAP OF SOIL VAPOR CHEMISTRY

AUGUST 2024

FIGURE 4

ATTACHMENT A
Soil Boring Logs



SOIL BORING LOG

BORING NO.
HA-SB01
Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/31/2024
DATE FINISHED 5/31/2024

Elevation ft. Datum		Boring Location			
Item	Casing	Sampler	Rig Make & Model	6610DT	Surface Conditions
Type		MC	Completion Depth (ft.)	12	Concrete Slab
Inside Diameter (in.)		2		Drilling Method	
Hammer Weight (lb.)			Number of Samples	DP	
Hammer Fall (in.)			0		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
1		0	-	dry	0.5"-3' Dark brown medium to coarse SAND, angular gravel and brick present (FILL)	HA-SB01_2-4 collected	
2		0	-	dry			
3	24/8	65	-	dry	3-5' Brown medium to coarse SAND, brick, glass, angular gravel present (FILL)		
4		0	-	dry			
5		0	-	dry	5-8' Brown coarse SAND, angular gravel, crushed concrete and brick (FILL)	HA-SB01_6-8 collected	
6		74	slight petrol odor	dry			
7	30/58	0	-	dry			
8		62	none	dry	8-10' Brown medium to coarse SAND, SAA (FILL)	End of Fill at 10 ft bgs	
9		0	-	dry			
10		0	-	dry	10-12' Red brown fine to medium SAND		
11		0	-	dry			
12	24/48	73	none	dry		End of Boring at 12 ft bgs	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	Overburden (Linear ft.)	Rock Cored (Linear ft.)
			Water					
							_____	_____
							_____	_____
							_____	_____
							BORING NO.	

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

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



SOIL BORING LOG

BORING NO.
HA-SB02
Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/31/2024
DATE FINISHED 5/31/2024

Elevation ft. Datum		Boring Location			
Item	Casing	Sampler	Rig Make & Model	6610DT	Surface Conditions
Type		MC	Completion Depth (ft.)	24	Concrete Slab
Inside Diameter (in.)		2	Drilling Method	DP	
Hammer Weight (lb.)			Number of Samples		
Hammer Fall (in.)					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5'	Concrete slab	
1		0	-	dry	0.5-3'	Brown medium to coarse SAND, angular gravels, concrete, brick, asphalt present (FILL)	
2		0	-	dry			HA-SB02_2-4 collected
3	30/38	14	-	dry	3-4'	Brown medium to coarse SAND, crushed brick, angular gravel (FILL)	
4		41	-	dry	4-5'	SAA (FILL)	
5		0	-	dry	5-8'	Brown medium to coarse SAND, trace asphalt and brick (FILL)	
6		18	-	dry			
7	30/48	2	-	dry			
8		7	-	dry	8-10'	Brown medium to coarse SAND, concrete and brick present (FILL)	
9		2	-	dry			
10		0	-	dry			End of Fill at 10 ft bgs
11		42	-	dry	10-15'	Brown fine to medium SAND, subangular gravels	
12	30/48	0	-	dry			
13		0	-	dry			
14		0	-	dry			
15		0	-	moist	15-20	SAA	
16		0	-	moist			
17		0	-	moist			
18	48/48	0	-	moist			
19		0	-	moist			
20		27	-	wet	20-24	Brown fine to medium SAND, pebble to cobble sized rock present	Groundwater at 20 ft bgs
21		7.5	-	wet			
22	48/18	8	-	wet			
23		0	-	wet			
24		13	-	wet			
25		1	-				End of Boring at 24 ft bgs
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:		Type	Depth	Notes
			Water				
							Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB03
Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/31/2024
DATE FINISHED 5/31/2024

Elevation ft. Datum		Boring Location				
Item	Casing	Sampler	Rig Make & Model	6610DT	Surface Conditions	
Type		MC	Completion Depth (ft.)	20	Concrete Slab	
Inside Diameter (in.)		2	Drilling Method	DP		
Hammer Weight (lb.)			Number of Samples			1
Hammer Fall (in.)						

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
1		0	-	dry	0.5-3'	Dark brown medium to coarse SAND, angular gravel, concrete, brick present (FILL)	
2		0	-	dry			
3	36/48	0	-	dry			
4		0	-	dry	4-6'	Brown medium SAND, brick, concrete, angular gravel present (FILL)	
5		2.9	-	dry	6-8'	SAA (FILL)	
6		0	-	dry			
7		0	-	dry			
8	33/48	0	-	dry	8-10'	Brown medium to coarse SAND, angular gravel, trace brick (FILL)	
9		0	-	dry			
10		0	-	dry			End of Fill at 10 ft bgs
11		0	-	moist	10-14'	Brown medium SAND, angular rock present	
12		0	-	moist			
13	40/48	0	-	moist			
14		0	-	moist	14-18'	Dark brown coarse SAND, some pebble rock present, subangular	
15		0	-	moist			
16		0	-	wet			Groundwater at 16 ft bgs
17		0	-	wet			
18	43/48	0	-	wet	18-20'	Light brown fine SAND, some silt present, saturated	
19		0	-	wet			
20							End of Boring at 20 ft bgs
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	Overburden (Linear ft.)	Rock Cored (Linear ft.)
			Water					
					20			
							BORING NO.	

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

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



SOIL BORING LOG

BORING NO.
HA-SB04

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation	ft.	Datum	Boring Location				Surface Conditions	Drilling Notes
Item	Casing	Sampler	Rig Make & Model	6610DT		Concrete Slab		
Type		MC	Completion Depth (ft.)	12	Drilling Method			
Inside Diameter (in.)		2	Number of Samples	2	DP			
Hammer Weight (lb.)								
Hammer Fall (in.)								

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5'	Concrete slab	
1		20	slight petrol odor	dry	0.5-2'	Dark brown medium to coarse SAND, crushed concrete, asphalt (FILL)	HA-SB04_1-3 collected
2		7		dry			
3		0		dry	2-4'	Light brown to brown medium to coarse SAND, crushed brick, angular gravels (FILL)	
4		8.5		dry			
5		0	slight petrol odor	dry	4-5'	Brown medium to coarse SAND, angular gravels, brick (FILL)	
6		2.9		dry	5-7'	Brown medium to coarse SAND, crushed concrete and brick (FILL)	
7		5.6		dry			
8		3		dry	7-8'	Gray to brown medium SAND, trace brick (FILL)	
9		3	slight petrol odor	dry	8-10'	Brown medium to coarse SAND, angular gravels, brick (FILL)	HA-SB04_9-11 collected
10		18		dry	10-12'	Gray to brown fine to medium SAND, trace silt	End of Fill at 10 ft bgs
11		4		moist			
12		2		moist			End of Boring at 12 ft bgs
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	Overburden (Linear ft.)	Rock Cored (Linear ft.)
			Water					
							_____	_____
							_____	_____
							_____	_____
							BORING NO.	

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

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



SOIL BORING LOG

BORING NO.
HA-SB05

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation		ft. Datum	Boring Location		
Item	Casing	Sampler	Rig Make & Model		Surface Conditions
Type		MC	6610DT		Concrete Slab
Inside Diameter (in.)		2	Completion Depth (ft.)	12	
Hammer Weight (lb.)			Number of Samples	2	
Hammer Fall (in.)					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
1		0	-	dry	0.5'-3'	Dark brown medium to coarse SAND, brick, crushed concrete (FILL)	
2	24/8	0	-	dry			
3		0	-	dry			
4		9.5	-	dry	3-5'	Brown medium SAND, concrete, brick (FILL)	HA-SB05_4-6 collected
5		5	-	dry	5-8'	Brown medium SAND, angular gravels, trace brick (FILL)	
6		6.5	-	dry			
7	48/48	3	-	dry			
8		10	-	dry	8-10'	Light brown medium SAND, angular gravels (FILL)	HA-SB05_9-11 collected
9		8.7	-	dry			
10		42	-	dry	10-12'	Brown medium to fine SAND, angular rock	End of Fill at 10 ft bgs
11		15.5	-	dry			
12		4	-	dry			End of Boring at 12 ft bgs
13	38/48						
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:		Type	Depth	Notes
			Water				
							Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB06

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation		ft.	Datum	Boring Location			
Item	Casing		Sampler	Rig Make & Model	6610DT	Surface Conditions	Drilling Notes
Type				Completion Depth (ft.)	12	Concrete Slab	
Inside Diameter (in.)				Drilling Method	DP		
Hammer Weight (lb.)				Number of Samples			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5'	Concrete Slab	
1		0	-	dry	0.5'-3'	Dray gray medium to coarse SAND, possible coal fragments, crushed brick, (FILL)	
2		10	-	dry			HA-SB06_2-4 collected
3	36/48	7	-	dry	3-5'	Dark brown medium SAND, brick, concrete (FILL)	
4		7.7	-	dry			
5		2	-	dry	5-8'	Brown medium SAND, angular gravel, brick (FILL)	
6		0	-	dry			HA-SB06_6-8 collected
7		0	-	dry			
8	40/48	1.5	-	dry	8-10'	Dark brown medium SAND, angular gravels, (FILL)	
9		0	-	dry			
10		0	-	dry	10-12'	Brown medium to coarse SAND, some fines, some gravels	End of Fill at 10 ft bgs
11		0	-	dry			
12	44/48						End of Boring at 12 ft bgs
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	
			Water				Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB07

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation		ft.	Datum	Boring Location			
Item	Casing		Sampler	Rig Make & Model	6610DT	Surface Conditions	Drilling Notes
Type			MC	Completion Depth (ft.)	12	Concrete Slab	
Inside Diameter (in.)			2	Drilling Method			
Hammer Weight (lb.)				DP			
Hammer Fall (in.)				Number of Samples	2		

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
1	36/48				0.5-4'	Dark brown medium SAND, concrete and brick present (FILL)	
2		37	-	dry			
3		58.1	-	dry			
4		17.2	-	dry			
5		12.3	-	dry	4-7'	Dark brown medium to coarse SAND, concrete, brick, angular gravel (FILL)	
6	42/48	18	-	dry			
7		19.9	-	dry	7-8'	Brown silty SAND, some angular gravels (FILL)	HA_SB07_8-10
8		20	-	dry	8-10'	SAA, some angular cobbles, angular rock (FILL)	
9		25	-	dry			
10		21.7	-	dry	10-12'	Brown medium SAND, some silt, angular rock throughout	End of Fill at 10 ft bgs
11	44/48	22	-	dry			
12		0	-	dry			End of Boring at 12 ft bgs
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	
			Water				Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB08

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation	ft.	Datum	Boring Location				Surface Conditions	Drilling Notes
Item	Casing	Sampler	Rig Make & Model	6610DT		Concrete Slab		
Type		MC	Completion Depth (ft.)	12	Drilling Method			
Inside Diameter (in.)		2			DP			
Hammer Weight (lb.)			Number of Samples	2				
Hammer Fall (in.)								

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	-	dry	0-0.5'	Concrete Slab	
1		0	-	dry	0.5'-4'	Dark brown medium SAND, crushed brick, some angular gravels (FILL)	
2	24/48	0	-	dry			HA_SB08_4-6
3		0	-	dry			
4		0	-	dry	4-6'	SAA, asphalt present (FILL)	
5		0	-	dry			
6		0	-	dry	6-8'	Dark brown to brown fine to medium SAND, angular cobbles, brick, gravel (FILL)	
7		0	-	dry			
8	44/48	0	-	dry	8-12'	SAA, saturated	
9		0	-	dry			HA-SB08_10-12'
10		0	-	dry			
11	36/48	0	-	moist			
12		0	-	moist		Possible GW at 12 ft	End of Fill at 12 ft bgs End of Boring at 12 ft bgs
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	Overburden (Linear ft.)	Rock Cored (Linear ft.)
			Water					
							_____	_____
							_____	_____
							_____	_____
							BORING NO.	

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

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



SOIL BORING LOG

BORING NO.
HA-SB09

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation	ft.	Datum	Boring Location				Surface Conditions	Drilling Notes
Item	Casing	Sampler	Rig Make & Model	6610DT		Concrete Slab		
Type		MC	Completion Depth (ft.)	12	Drilling Method			
Inside Diameter (in.)		2			DP			
Hammer Weight (lb.)			Number of Samples	2				
Hammer Fall (in.)								

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	-	dry	0-0.5'	Concrete slab	
1		0	-	dry	0.5-2'	Gray to brown medium SAND, trace brick, asphalt, wood chips (FILL)	HA-SB09_2-4'
2		0.3	-	dry	2-3'	Dark brown to gray silty SAND, some angular gravels, wood chips (FILL)	
3		120	-	dry	3-4'	SAA (FILL)	
4		1.2	-	dry	4-8'	Brown medium SAND, some pebble gravels, concrete, brick, asphalt (FILL)	
5		0	-	dry			
6		0	-	dry			
7							
8		0	-	dry	8-10'	SAA	
9		0	-	dry			HA-SB09_8-10'
10		0	-	dry	10-12'	Brown silty SAND, some fines	End of Fill at 10 ft bgs
11		0	-	moist			
12		0	-	high			End of Boring at 12 ft bgs
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:		Type	Depth	Notes
			Water				
							Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB10

Page 1 of 1

PROJECT 667 Kent Avenue
LOCATION 667 Kent Avenue/25 Hooper Street, Brooklyn NY
CLIENT 9002 Commercial Unit LLC
CONTRACTOR Lakewood Environmental Services
DRILLER M. Kolasinski

PROJECT # 211142
PROJECT MGR. E. Scheuerman
FIELD REP. S. Sotomayor
DATE STARTED 5/30/2024
DATE FINISHED 5/30/2024

Elevation	ft.	Datum	Boring Location				Surface Conditions	Drilling Notes
Item	Casing	Sampler	Rig Make & Model	6610DT		Concrete Slab		
Type		MC	Completion Depth (ft.)	20	Drilling Method			
Inside Diameter (in.)		2	Number of Samples	1	DP			
Hammer Weight (lb.)								
Hammer Fall (in.)								

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	-	dry	0-0.5'	Concrete slab	
1		0	-	dry	0.5-4'	Light brown medium SAND, some fines, angular gravel (FILL)	
2	24/48	0	-	dry			
3		0	-	dry			
4		6	-	dry	4-5'	Brown medium to coarse SAND, crushed brick (FILL)	
5		0	-	dry	5-7'	Brown medium SAND, pebble sized angular gravel (FILL)	
6		0	-	dry			HA-SB10_6-8 collected
7		8	-	dry	7-10'	Light brown to brown medium to fine SAND, some fines, angular gravels (FILL)	
8	24/48	0	-	dry			
9		0	-	dry			
10		0	-		10-12'	Brown medium to fine SAND, angular rock	End of Fill at 10 ft bgs
11		4	-				
12		0.5	-				End of Boring at 12 ft bgs
13	30/48						
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data			Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:		Type	Depth	Notes
			Water				
							Overburden (Linear ft.) _____
							Rock Cored (Linear ft.) _____
							Number of Samples _____
							BORING NO.

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

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



SOIL BORING LOG

BORING NO.
HA-SB11
Page 1 of 1

PROJECT	667 Kent Avenue	PROJECT #	211142
LOCATION	667 Kent Avenue/25 Hooper Street, Brooklyn NY	PROJECT MGR.	E. Scheuerman
CLIENT	9002 Commercial Unit LLC	FIELD REP.	S. Sotomayor
CONTRACTOR	Lakewood Environmental Services	DATE STARTED	5/30/2024
DRILLER	M. Kolasinski	DATE FINISHED	5/30/2024

Elevation	ft.	Datum		Boring Location	
Item	Casing	Sampler	Rig Make & Model	6610DT	
Type		MC	Completion Depth (ft.)	12	Drilling Method
Inside Diameter (in.)		2	Number of Samples	2	DP
Hammer Weight (lb.)					Concrete Slab
Hammer Fall (in.)					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		21	-	dry	0-0.5'	Concrete Slab	
1		0	-	dry	1-4'	Dark brown coarse SAND, angular gravel, trace brick (FILL)	
2	24/48	0	-	dry			
3		0	-	dry			
4		0	-	dry	4-5'	Dark brown to brown medium to coarse SAND, gravel, brick (FILL)	
5		5	-	dry	5-7'	SAA, crushed concrete (FILL)	
6		27	-	dry			HA-SB11_6-8 collected
7		0	-	dry	7-10'	Dark brown to black coarse SAND, angular gravels (FILL)	
8	20/48	0	-	dry			
9		0	-	dry			
10							End of Fill at 10 ft bgs
11		17	petrol	dry	10-12'	Brown medium to coarse SAND, subangular grains	HA-SB11_10-12 collected
12		5	-	dry			End of Boring at 12 ft bgs
13	30/48						
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary	
Date	Time	Elapsed Time (hr.)	Depth in feet to:	Type	Depth	Notes	Overburden (Linear ft.)	Rock Cored (Linear ft.)
			Water					

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

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

ATTACHMENT B
Analytical Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L2429938
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	667 KENT AVE
Project Number:	0211142
Report Date:	06/14/24

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

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



Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429938-01	HA-SB06_2-4	SOIL	BROOKLYN, NY	05/30/24 11:30	05/30/24
L2429938-02	HA-SB08_10-12	SOIL	BROOKLYN, NY	05/30/24 08:30	05/30/24
L2429938-03	HA-SB05_9-11	SOIL	BROOKLYN, NY	05/30/24 12:20	05/30/24
L2429938-04	HA-SB06_6-8	SOIL	BROOKLYN, NY	05/30/24 11:30	05/30/24
L2429938-05	HA-SB05_4-6	SOIL	BROOKLYN, NY	05/30/24 12:20	05/30/24
L2429938-06	HA-SB08_4-6	SOIL	BROOKLYN, NY	05/30/24 08:30	05/30/24
L2429938-07	HA-SB07_8-10	SOIL	BROOKLYN, NY	05/30/24 10:15	05/30/24
L2429938-08	HA-SB07_2-4	SOIL	BROOKLYN, NY	05/30/24 10:15	05/30/24
L2429938-09	HA-SB09_2-4	SOIL	BROOKLYN, NY	05/30/24 09:30	05/30/24
L2429938-10	HA-SB09_8-10	SOIL	BROOKLYN, NY	05/30/24 09:30	05/30/24
L2429938-11	HA-SB04_1-3	SOIL	BROOKLYN, NY	05/30/24 14:00	05/30/24
L2429938-12	HA-SB04_9-11	SOIL	BROOKLYN, NY	05/30/24 14:00	05/30/24
L2429938-13	HA-SB10_6-8	SOIL	BROOKLYN, NY	05/30/24 13:20	05/30/24
L2429938-14	HA-SB11_6-8	SOIL	BROOKLYN, NY	05/30/24 14:20	05/30/24
L2429938-15	HA-SB11_10-12	SOIL	BROOKLYN, NY	05/30/24 14:20	05/30/24

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
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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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Case Narrative (continued)

Report Submission

June 14, 2024: This final report includes the results of the following analyses:

L2429938-05, -06, -08, -09, -11, -13, and -15: TCLP Metals

June 06, 2024: This is a preliminary report.

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

Sample Receipt

L2429938-12 through -15: The collection date was obtained from the container labels.

Volatile Organics

The WG1930220-5 Method Blank, associated with L2429938-01, -05, -06, -08, -11, -13, and -15, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Semivolatile Organics

L2429938-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2429938-13: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (19%) and 2,4,6-tribromophenol (5%); however, re-extraction achieved similar results: 2,4,6-tribromophenol (6%). The results of both extractions are reported.

Total Metals

L2429938-01, -05, -06, -08, -09, -11, -13, and -15 The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Case Narrative (continued)

The WG1929802-1 Method Blank, associated with L2429938-01, -05, -06, -08, -09, -11, -13, and -15, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 06/14/24

ORGANICS

VOLATILES

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 12:40
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.0	1.4	1
1,1-Dichloroethane	ND		ug/kg	0.60	0.09	1
Chloroform	ND		ug/kg	0.90	0.08	1
Carbon tetrachloride	ND		ug/kg	0.60	0.14	1
1,2-Dichloropropane	ND		ug/kg	0.60	0.08	1
Dibromochloromethane	ND		ug/kg	0.60	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.60	0.16	1
Tetrachloroethene	ND		ug/kg	0.30	0.12	1
Chlorobenzene	ND		ug/kg	0.30	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	0.60	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.30	0.10	1
Bromodichloromethane	ND		ug/kg	0.30	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.60	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.30	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.30	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.30	0.10	1
Bromoform	ND		ug/kg	2.4	0.15	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.30	0.10	1
Benzene	0.21	J	ug/kg	0.30	0.10	1
Toluene	ND		ug/kg	0.60	0.33	1
Ethylbenzene	ND		ug/kg	0.60	0.09	1
Chloromethane	ND		ug/kg	2.4	0.56	1
Bromomethane	ND		ug/kg	1.2	0.35	1
Vinyl chloride	ND		ug/kg	0.60	0.20	1
Chloroethane	ND		ug/kg	1.2	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.60	0.14	1
trans-1,2-Dichloroethene	ND		ug/kg	0.90	0.08	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.30	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.2	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.12	1
p/m-Xylene	ND		ug/kg	1.2	0.34	1
o-Xylene	ND		ug/kg	0.60	0.18	1
Xylenes, Total	ND		ug/kg	0.60	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	0.60	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.60	0.08	1
Dibromomethane	ND		ug/kg	1.2	0.14	1
Styrene	ND		ug/kg	0.60	0.12	1
Dichlorodifluoromethane	ND		ug/kg	6.0	0.55	1
Acetone	3.5	J	ug/kg	6.0	2.9	1
Carbon disulfide	ND		ug/kg	6.0	2.7	1
2-Butanone	ND		ug/kg	6.0	1.3	1
Vinyl acetate	ND		ug/kg	6.0	1.3	1
4-Methyl-2-pentanone	ND		ug/kg	6.0	0.77	1
1,2,3-Trichloropropane	ND		ug/kg	1.2	0.08	1
2-Hexanone	ND		ug/kg	6.0	0.71	1
Bromochloromethane	ND		ug/kg	1.2	0.12	1
2,2-Dichloropropane	ND		ug/kg	1.2	0.12	1
1,2-Dibromoethane	ND		ug/kg	0.60	0.17	1
1,3-Dichloropropane	ND		ug/kg	1.2	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.30	0.08	1
Bromobenzene	ND		ug/kg	1.2	0.09	1
n-Butylbenzene	ND		ug/kg	0.60	0.10	1
sec-Butylbenzene	ND		ug/kg	0.60	0.09	1
tert-Butylbenzene	ND		ug/kg	1.2	0.07	1
o-Chlorotoluene	ND		ug/kg	1.2	0.12	1
p-Chlorotoluene	ND		ug/kg	1.2	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.8	0.60	1
Hexachlorobutadiene	ND		ug/kg	2.4	0.10	1
Isopropylbenzene	ND		ug/kg	0.60	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.60	0.07	1
Naphthalene	ND		ug/kg	2.4	0.39	1
Acrylonitrile	ND		ug/kg	2.4	0.69	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.60	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.2	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.2	0.16	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.2	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.2	0.20	1
1,4-Dioxane	ND		ug/kg	48	21.	1
p-Diethylbenzene	ND		ug/kg	1.2	0.11	1
p-Ethyltoluene	ND		ug/kg	1.2	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.2	0.12	1
Ethyl ether	ND		ug/kg	1.2	0.20	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.0	0.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	92		70-130

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 13:07
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.1	1.4	1
1,1-Dichloroethane	ND		ug/kg	0.63	0.09	1
Chloroform	ND		ug/kg	0.94	0.09	1
Carbon tetrachloride	ND		ug/kg	0.63	0.14	1
1,2-Dichloropropane	ND		ug/kg	0.63	0.08	1
Dibromochloromethane	ND		ug/kg	0.63	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.63	0.17	1
Tetrachloroethene	ND		ug/kg	0.31	0.12	1
Chlorobenzene	ND		ug/kg	0.31	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.5	0.44	1
1,2-Dichloroethane	ND		ug/kg	0.63	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.31	0.10	1
Bromodichloromethane	ND		ug/kg	0.31	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.63	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.31	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.31	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.31	0.10	1
Bromoform	ND		ug/kg	2.5	0.15	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.31	0.10	1
Benzene	0.20	J	ug/kg	0.31	0.10	1
Toluene	ND		ug/kg	0.63	0.34	1
Ethylbenzene	ND		ug/kg	0.63	0.09	1
Chloromethane	ND		ug/kg	2.5	0.58	1
Bromomethane	ND		ug/kg	1.2	0.36	1
Vinyl chloride	ND		ug/kg	0.63	0.21	1
Chloroethane	ND		ug/kg	1.2	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.63	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.94	0.09	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.31	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.2	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.13	1
p/m-Xylene	ND		ug/kg	1.2	0.35	1
o-Xylene	ND		ug/kg	0.63	0.18	1
Xylenes, Total	ND		ug/kg	0.63	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	0.63	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.63	0.09	1
Dibromomethane	ND		ug/kg	1.2	0.15	1
Styrene	ND		ug/kg	0.63	0.12	1
Dichlorodifluoromethane	ND		ug/kg	6.3	0.57	1
Acetone	6.6		ug/kg	6.3	3.0	1
Carbon disulfide	ND		ug/kg	6.3	2.8	1
2-Butanone	ND		ug/kg	6.3	1.4	1
Vinyl acetate	ND		ug/kg	6.3	1.3	1
4-Methyl-2-pentanone	ND		ug/kg	6.3	0.80	1
1,2,3-Trichloropropane	ND		ug/kg	1.2	0.08	1
2-Hexanone	ND		ug/kg	6.3	0.74	1
Bromochloromethane	ND		ug/kg	1.2	0.13	1
2,2-Dichloropropane	ND		ug/kg	1.2	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.63	0.18	1
1,3-Dichloropropane	ND		ug/kg	1.2	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.31	0.08	1
Bromobenzene	ND		ug/kg	1.2	0.09	1
n-Butylbenzene	ND		ug/kg	0.63	0.10	1
sec-Butylbenzene	ND		ug/kg	0.63	0.09	1
tert-Butylbenzene	ND		ug/kg	1.2	0.07	1
o-Chlorotoluene	ND		ug/kg	1.2	0.12	1
p-Chlorotoluene	ND		ug/kg	1.2	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.9	0.63	1
Hexachlorobutadiene	ND		ug/kg	2.5	0.11	1
Isopropylbenzene	ND		ug/kg	0.63	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.63	0.07	1
Naphthalene	ND		ug/kg	2.5	0.41	1
Acrylonitrile	ND		ug/kg	2.5	0.72	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.63	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.2	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.2	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.2	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.2	0.21	1
1,4-Dioxane	ND		ug/kg	50	22.	1
p-Diethylbenzene	ND		ug/kg	1.2	0.11	1
p-Ethyltoluene	ND		ug/kg	1.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.2	0.12	1
Ethyl ether	ND		ug/kg	1.2	0.21	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.1	0.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	91		70-130

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 13:35
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	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	0.36	1
Tetrachloroethene	9.7		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	15		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	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	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	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	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	93		70-130

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 14:02
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	0.53		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	15		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	94		70-130

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 10:02
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	12		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.18	J	ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	10	J	ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 16:51
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	12		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	2.4	J	ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	92		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
Client ID: HA-SB10_6-8
Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/05/24 17:15
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.7	1.2	1
1,1-Dichloroethane	ND		ug/kg	0.55	0.08	1
Chloroform	ND		ug/kg	0.82	0.08	1
Carbon tetrachloride	ND		ug/kg	0.55	0.13	1
1,2-Dichloropropane	ND		ug/kg	0.55	0.07	1
Dibromochloromethane	ND		ug/kg	0.55	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.55	0.15	1
Tetrachloroethene	ND		ug/kg	0.27	0.11	1
Chlorobenzene	ND		ug/kg	0.27	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.2	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.55	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.27	0.09	1
Bromodichloromethane	ND		ug/kg	0.27	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.55	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.27	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.27	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.27	0.09	1
Bromoform	ND		ug/kg	2.2	0.14	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.27	0.09	1
Benzene	0.30		ug/kg	0.27	0.09	1
Toluene	ND		ug/kg	0.55	0.30	1
Ethylbenzene	ND		ug/kg	0.55	0.08	1
Chloromethane	ND		ug/kg	2.2	0.51	1
Bromomethane	ND		ug/kg	1.1	0.32	1
Vinyl chloride	ND		ug/kg	0.55	0.18	1
Chloroethane	ND		ug/kg	1.1	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.55	0.13	1
trans-1,2-Dichloroethene	ND		ug/kg	0.82	0.08	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.27	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.1	0.09	1
Methyl tert butyl ether	ND		ug/kg	1.1	0.11	1
p/m-Xylene	ND		ug/kg	1.1	0.31	1
o-Xylene	ND		ug/kg	0.55	0.16	1
Xylenes, Total	ND		ug/kg	0.55	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.55	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.55	0.08	1
Dibromomethane	ND		ug/kg	1.1	0.13	1
Styrene	ND		ug/kg	0.55	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.5	0.50	1
Acetone	21		ug/kg	5.5	2.6	1
Carbon disulfide	ND		ug/kg	5.5	2.5	1
2-Butanone	2.0	J	ug/kg	5.5	1.2	1
Vinyl acetate	ND		ug/kg	5.5	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.5	0.70	1
1,2,3-Trichloropropane	ND		ug/kg	1.1	0.07	1
2-Hexanone	ND		ug/kg	5.5	0.65	1
Bromochloromethane	ND		ug/kg	1.1	0.11	1
2,2-Dichloropropane	ND		ug/kg	1.1	0.11	1
1,2-Dibromoethane	ND		ug/kg	0.55	0.15	1
1,3-Dichloropropane	ND		ug/kg	1.1	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.27	0.07	1
Bromobenzene	ND		ug/kg	1.1	0.08	1
n-Butylbenzene	ND		ug/kg	0.55	0.09	1
sec-Butylbenzene	ND		ug/kg	0.55	0.08	1
tert-Butylbenzene	ND		ug/kg	1.1	0.07	1
o-Chlorotoluene	ND		ug/kg	1.1	0.10	1
p-Chlorotoluene	ND		ug/kg	1.1	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.6	0.55	1
Hexachlorobutadiene	ND		ug/kg	2.2	0.09	1
Isopropylbenzene	ND		ug/kg	0.55	0.06	1
p-Isopropyltoluene	ND		ug/kg	0.55	0.06	1
Naphthalene	14		ug/kg	2.2	0.36	1
Acrylonitrile	ND		ug/kg	2.2	0.63	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.55	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.1	0.15	1
1,3,5-Trimethylbenzene	0.12	J	ug/kg	1.1	0.11	1
1,2,4-Trimethylbenzene	0.28	J	ug/kg	1.1	0.18	1
1,4-Dioxane	ND		ug/kg	44	19.	1
p-Diethylbenzene	0.20	J	ug/kg	1.1	0.10	1
p-Ethyltoluene	ND		ug/kg	1.1	0.21	1
1,2,4,5-Tetramethylbenzene	0.10	J	ug/kg	1.1	0.10	1
Ethyl ether	ND		ug/kg	1.1	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.7	0.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	78		70-130

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 17:43
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	33		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	93		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 06/05/24 09:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-5					
Methylene chloride	3.1	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.1	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.2		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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 06/05/24 09:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-5					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 06/05/24 09:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-5					
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	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1930680-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1930680-5					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1930680-5					
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	93		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-3 WG1930220-4								
Methylene chloride	114		104		70-130	9		30
1,1-Dichloroethane	106		102		70-130	4		30
Chloroform	102		101		70-130	1		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	101		103		70-130	2		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	101		96		70-130	5		30
Chlorobenzene	105		102		70-130	3		30
Trichlorofluoromethane	125		113		70-139	10		30
1,2-Dichloroethane	101		102		70-130	1		30
1,1,1-Trichloroethane	104		104		70-130	0		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	109		109		70-130	0		30
cis-1,3-Dichloropropene	101		105		70-130	4		30
1,1-Dichloropropene	102		100		70-130	2		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	108		105		70-130	3		30
Benzene	106		103		70-130	3		30
Toluene	104		101		70-130	3		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	102		97		52-130	5		30
Bromomethane	106		101		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-3 WG1930220-4								
Vinyl chloride	123		114		67-130	8		30
Chloroethane	132		120		50-151	10		30
1,1-Dichloroethene	120		108		65-135	11		30
trans-1,2-Dichloroethene	133	Q	122		70-130	9		30
Trichloroethene	105		104		70-130	1		30
1,2-Dichlorobenzene	107		103		70-130	4		30
1,3-Dichlorobenzene	107		106		70-130	1		30
1,4-Dichlorobenzene	107		103		70-130	4		30
Methyl tert butyl ether	147	Q	140	Q	66-130	5		30
p/m-Xylene	106		102		70-130	4		30
o-Xylene	103		99		70-130	4		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Dibromomethane	98		100		70-130	2		30
Styrene	106		105		70-130	1		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	125		114		54-140	9		30
Carbon disulfide	120		107		59-130	11		30
2-Butanone	95		98		70-130	3		30
Vinyl acetate	113		110		70-130	3		30
4-Methyl-2-pentanone	100		96		70-130	4		30
1,2,3-Trichloropropane	108		104		68-130	4		30
2-Hexanone	101		102		70-130	1		30
Bromochloromethane	91		89		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-3 WG1930220-4								
2,2-Dichloropropane	111		106		70-130	5		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	105		104		69-130	1		30
1,1,1,2-Tetrachloroethane	101		100		70-130	1		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	120		116		70-130	3		30
sec-Butylbenzene	112		106		70-130	6		30
tert-Butylbenzene	107		103		70-130	4		30
o-Chlorotoluene	114		110		70-130	4		30
p-Chlorotoluene	113		108		70-130	5		30
1,2-Dibromo-3-chloropropane	89		91		68-130	2		30
Hexachlorobutadiene	88		86		67-130	2		30
Isopropylbenzene	110		105		70-130	5		30
p-Isopropyltoluene	110		105		70-130	5		30
Naphthalene	100		98		70-130	2		30
Acrylonitrile	96		95		70-130	1		30
n-Propylbenzene	117		111		70-130	5		30
1,2,3-Trichlorobenzene	100		96		70-130	4		30
1,2,4-Trichlorobenzene	104		101		70-130	3		30
1,3,5-Trimethylbenzene	112		106		70-130	6		30
1,2,4-Trimethylbenzene	110		107		70-130	3		30
1,4-Dioxane	98		97		65-136	1		30
p-Diethylbenzene	112		107		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08,11,13,15 Batch: WG1930220-3 WG1930220-4								
p-Ethyltoluene	111		107		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Ethyl ether	117		106		67-130	10		30
trans-1,4-Dichloro-2-butene	124		121		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	102		99		70-130
Dibromofluoromethane	95		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1930680-3 WG1930680-4								
Methylene chloride	90		91		70-130	1		30
1,1-Dichloroethane	95		97		70-130	2		30
Chloroform	87		91		70-130	4		30
Carbon tetrachloride	89		95		70-130	7		30
1,2-Dichloropropane	94		100		70-130	6		30
Dibromochloromethane	90		98		70-130	9		30
1,1,2-Trichloroethane	86		93		70-130	8		30
Tetrachloroethene	99		104		70-130	5		30
Chlorobenzene	99		104		70-130	5		30
Trichlorofluoromethane	96		101		70-139	5		30
1,2-Dichloroethane	83		88		70-130	6		30
1,1,1-Trichloroethane	91		95		70-130	4		30
Bromodichloromethane	85		93		70-130	9		30
trans-1,3-Dichloropropene	92		97		70-130	5		30
cis-1,3-Dichloropropene	92		98		70-130	6		30
1,1-Dichloropropene	96		100		70-130	4		30
Bromoform	84		90		70-130	7		30
1,1,2,2-Tetrachloroethane	90		96		70-130	6		30
Benzene	96		102		70-130	6		30
Toluene	97		100		70-130	3		30
Ethylbenzene	98		103		70-130	5		30
Chloromethane	75		73		52-130	3		30
Bromomethane	117		106		57-147	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1930680-3 WG1930680-4								
Vinyl chloride	100		95		67-130	5		30
Chloroethane	106		101		50-151	5		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	97		96		70-130	1		30
Trichloroethene	89		95		70-130	7		30
1,2-Dichlorobenzene	98		104		70-130	6		30
1,3-Dichlorobenzene	102		108		70-130	6		30
1,4-Dichlorobenzene	99		106		70-130	7		30
Methyl tert butyl ether	89		91		66-130	2		30
p/m-Xylene	100		106		70-130	6		30
o-Xylene	99		102		70-130	3		30
cis-1,2-Dichloroethene	92		96		70-130	4		30
Dibromomethane	86		95		70-130	10		30
Styrene	99		105		70-130	6		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	81		78		54-140	4		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	65	Q	73		70-130	12		30
Vinyl acetate	84		85		70-130	1		30
4-Methyl-2-pentanone	88		94		70-130	7		30
1,2,3-Trichloropropane	87		93		68-130	7		30
2-Hexanone	72		74		70-130	3		30
Bromochloromethane	92		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1930680-3 WG1930680-4								
2,2-Dichloropropane	92		94		70-130	2		30
1,2-Dibromoethane	87		94		70-130	8		30
1,3-Dichloropropane	92		99		69-130	7		30
1,1,1,2-Tetrachloroethane	90		96		70-130	6		30
Bromobenzene	97		102		70-130	5		30
n-Butylbenzene	106		112		70-130	6		30
sec-Butylbenzene	100		106		70-130	6		30
tert-Butylbenzene	99		104		70-130	5		30
o-Chlorotoluene	94		100		70-130	6		30
p-Chlorotoluene	94		99		70-130	5		30
1,2-Dibromo-3-chloropropane	84		92		68-130	9		30
Hexachlorobutadiene	108		115		67-130	6		30
Isopropylbenzene	99		102		70-130	3		30
p-Isopropyltoluene	104		110		70-130	6		30
Naphthalene	90		101		70-130	12		30
Acrylonitrile	81		80		70-130	1		30
n-Propylbenzene	100		106		70-130	6		30
1,2,3-Trichlorobenzene	101		112		70-130	10		30
1,2,4-Trichlorobenzene	111		121		70-130	9		30
1,3,5-Trimethylbenzene	97		104		70-130	7		30
1,2,4-Trimethylbenzene	99		105		70-130	6		30
1,4-Dioxane	108		111		65-136	3		30
p-Diethylbenzene	103		110		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1930680-3 WG1930680-4								
p-Ethyltoluene	99		103		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		108		70-130	9		30
Ethyl ether	91		94		67-130	3		30
trans-1,4-Dichloro-2-butene	85		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		86		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	93		92		70-130

SEMIVOLATILES

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01 D
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 18:42
 Analyst: JG
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	720	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	90.	5
1,2-Dichlorobenzene	ND		ug/kg	900	160	5
1,3-Dichlorobenzene	ND		ug/kg	900	160	5
1,4-Dichlorobenzene	ND		ug/kg	900	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	160	5
Fluoranthene	1200		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	140	J	ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	310	5

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01 D

Date Collected: 05/30/24 11:30

Client ID: HA-SB06_2-4

Date Received: 05/30/24

Sample Location: 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	900	84.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	770		ug/kg	540	100	5
Benzo(a)pyrene	490	J	ug/kg	720	220	5
Benzo(b)fluoranthene	680		ug/kg	540	150	5
Benzo(k)fluoranthene	260	J	ug/kg	540	140	5
Chrysene	750		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	720	140	5
Anthracene	300	J	ug/kg	540	180	5
Benzo(ghi)perylene	400	J	ug/kg	720	110	5
Fluorene	110	J	ug/kg	900	88.	5
Phenanthrene	1300		ug/kg	540	110	5
Dibenzo(a,h)anthracene	100	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	330	J	ug/kg	720	130	5
Pyrene	1100		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	130	J	ug/kg	900	86.	5
2-Methylnaphthalene	140	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01 D
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	900	170	5
Benzoic Acid	ND		ug/kg	2900	920	5
Benzyl Alcohol	ND		ug/kg	900	280	5
Carbazole	230	J	ug/kg	900	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	65		18-120

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 06:57
 Analyst: JG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	29	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	470		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	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
Client ID: HA-SB05_4-6
Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	230		ug/kg	120	22.	1
Benzo(a)pyrene	250		ug/kg	150	47.	1
Benzo(b)fluoranthene	300		ug/kg	120	32.	1
Benzo(k)fluoranthene	83	J	ug/kg	120	31.	1
Chrysene	250		ug/kg	120	20.	1
Acenaphthylene	34	J	ug/kg	150	30.	1
Anthracene	70	J	ug/kg	120	38.	1
Benzo(ghi)perylene	150		ug/kg	150	23.	1
Fluorene	27	J	ug/kg	190	19.	1
Phenanthrene	320		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	41	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	27.	1
Pyrene	430		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	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: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	24	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	68		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 04:09
 Analyst: JG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	27	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	32	J	ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	66	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	49	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	36	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	37	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	29	J	ug/kg	150	27.	1
Pyrene	28	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	67		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 04:33
 Analyst: JG
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	44	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	28	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	41	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	34	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	28	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	28	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	45	J	ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	74		18-120

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 10:08
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	37	J	ug/kg	110	21.	1
Benzo(a)pyrene	97	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	33	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	180		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	42	J	ug/kg	260	29.	1

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	230	J	ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	51		18-120

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-11 D2

Date Collected: 05/30/24 14:00

Client ID: HA-SB04_1-3

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/03/24 20:48

Analytical Date: 06/06/24 09:31

Analyst: JG

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	51000		ug/kg	2700	520	25
Phenanthrene	52000		ug/kg	2700	540	25

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11 D
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 17:56
 Analyst: JG
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5200		ug/kg	720	93.	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	89.	5
1,2-Dichlorobenzene	ND		ug/kg	900	160	5
1,3-Dichlorobenzene	ND		ug/kg	900	150	5
1,4-Dichlorobenzene	ND		ug/kg	900	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	150	5
Fluoranthene	41000	E	ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	96.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	970	90.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	810	5
Hexachloroethane	ND		ug/kg	720	140	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	3000		ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	300	5

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11 D

Date Collected: 05/30/24 14:00

Client ID: HA-SB04_1-3

Date Received: 05/30/24

Sample Location: 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	900	83.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	15000		ug/kg	540	100	5
Benzo(a)pyrene	13000		ug/kg	720	220	5
Benzo(b)fluoranthene	14000		ug/kg	540	150	5
Benzo(k)fluoranthene	5200		ug/kg	540	140	5
Chrysene	15000		ug/kg	540	93.	5
Acenaphthylene	1600		ug/kg	720	140	5
Anthracene	8900		ug/kg	540	180	5
Benzo(ghi)perylene	7100		ug/kg	720	100	5
Fluorene	5300		ug/kg	900	87.	5
Phenanthrene	46000	E	ug/kg	540	110	5
Dibenzo(a,h)anthracene	1700		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	6900		ug/kg	720	120	5
Pyrene	35000		ug/kg	540	89.	5
Biphenyl	430	J	ug/kg	2000	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	3400		ug/kg	900	85.	5
2-Methylnaphthalene	1600		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	1900	340	5
4-Nitrophenol	ND		ug/kg	1200	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-11 D

Date Collected: 05/30/24 14:00

Client ID: HA-SB04_1-3

Date Received: 05/30/24

Sample Location: 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	900	170	5
Benzoic Acid	ND		ug/kg	2900	910	5
Benzyl Alcohol	ND		ug/kg	900	270	5
Carbazole	3000		ug/kg	900	87.	5
1,4-Dioxane	ND		ug/kg	130	41.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	53		18-120

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 07:45
 Analyst: JG
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	3100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	170		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	1600		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	1300		ug/kg	100	20.	1
Benzo(a)pyrene	1400		ug/kg	140	42.	1
Benzo(b)fluoranthene	1600		ug/kg	100	29.	1
Benzo(k)fluoranthene	530		ug/kg	100	28.	1
Chrysene	1300		ug/kg	100	18.	1
Acenaphthylene	190		ug/kg	140	27.	1
Anthracene	540		ug/kg	100	34.	1
Benzo(ghi)perylene	760		ug/kg	140	20.	1
Fluorene	250		ug/kg	170	17.	1
Phenanthrene	2300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	180		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	740		ug/kg	140	24.	1
Pyrene	2800		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	140	J	ug/kg	170	16.	1
2-Methylnaphthalene	92	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	160	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	19	Q	25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	5	Q	10-136
4-Terphenyl-d14	79		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13 RE
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/06/24 11:39
 Analyst: IM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/05/24 21:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	240		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	2200		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13 RE

Date Collected: 05/30/24 13:20

Client ID: HA-SB10_6-8

Date Received: 05/30/24

Sample Location: 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	700		ug/kg	100	20.	1
Benzo(a)pyrene	700		ug/kg	140	42.	1
Benzo(b)fluoranthene	290		ug/kg	100	29.	1
Benzo(k)fluoranthene	270		ug/kg	100	28.	1
Chrysene	720		ug/kg	100	18.	1
Acenaphthylene	60	J	ug/kg	140	27.	1
Anthracene	320		ug/kg	100	34.	1
Benzo(ghi)perylene	400		ug/kg	140	20.	1
Fluorene	160	J	ug/kg	170	17.	1
Phenanthrene	1300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	100		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	140	24.	1
Pyrene	1300		ug/kg	100	17.	1
Biphenyl	24	J	ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	100	J	ug/kg	170	16.	1
2-Methylnaphthalene	120	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	27	J	ug/kg	250	27.	1

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-13 RE

Date Collected: 05/30/24 13:20

Client ID: HA-SB10_6-8

Date Received: 05/30/24

Sample Location: 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	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	140	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	6	Q	10-136
4-Terphenyl-d14	71		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/05/24 06:33
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/03/24 20:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	490		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	30	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	260		ug/kg	110	21.	1
Benzo(a)pyrene	310		ug/kg	150	45.	1
Benzo(b)fluoranthene	380		ug/kg	110	31.	1
Benzo(k)fluoranthene	110		ug/kg	110	30.	1
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	28	J	ug/kg	150	28.	1
Anthracene	61	J	ug/kg	110	36.	1
Benzo(ghi)perylene	190		ug/kg	150	22.	1
Fluorene	21	J	ug/kg	180	18.	1
Phenanthrene	280		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	450		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	30	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	65		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/04/24 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/03/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
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	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/04/24 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/03/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	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	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 06/04/24 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/03/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
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	54		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1930137-1					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1930137-1					
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	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1930137-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.
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	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-2 WG1929055-3								
Acenaphthene	56		70		31-137	22		50
1,2,4-Trichlorobenzene	57		68		38-107	18		50
Hexachlorobenzene	72		90		40-140	22		50
Bis(2-chloroethyl)ether	48		57		40-140	17		50
2-Chloronaphthalene	60		73		40-140	20		50
1,2-Dichlorobenzene	53		62		40-140	16		50
1,3-Dichlorobenzene	52		61		40-140	16		50
1,4-Dichlorobenzene	52		61		28-104	16		50
3,3'-Dichlorobenzidine	48		64		40-140	29		50
2,4-Dinitrotoluene	65		84		40-132	26		50
2,6-Dinitrotoluene	72		86		40-140	18		50
Fluoranthene	59		75		40-140	24		50
4-Chlorophenyl phenyl ether	58		74		40-140	24		50
4-Bromophenyl phenyl ether	65		82		40-140	23		50
Bis(2-chloroisopropyl)ether	35	Q	42		40-140	18		50
Bis(2-chloroethoxy)methane	53		63		40-117	17		50
Hexachlorobutadiene	63		78		40-140	21		50
Hexachlorocyclopentadiene	78		95		40-140	20		50
Hexachloroethane	55		64		40-140	15		50
Isophorone	51		62		40-140	19		50
Naphthalene	53		65		40-140	20		50
Nitrobenzene	52		62		40-140	18		50
NDPA/DPA	58		73		36-157	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-2 WG1929055-3								
n-Nitrosodi-n-propylamine	50		59		32-121	17		50
Bis(2-ethylhexyl)phthalate	60		78		40-140	26		50
Butyl benzyl phthalate	66		84		40-140	24		50
Di-n-butylphthalate	60		77		40-140	25		50
Di-n-octylphthalate	62		81		40-140	27		50
Diethyl phthalate	59		74		40-140	23		50
Dimethyl phthalate	62		77		40-140	22		50
Benzo(a)anthracene	53		69		40-140	26		50
Benzo(a)pyrene	58		76		40-140	27		50
Benzo(b)fluoranthene	59		76		40-140	25		50
Benzo(k)fluoranthene	56		72		40-140	25		50
Chrysene	53		69		40-140	26		50
Acenaphthylene	58		70		40-140	19		50
Anthracene	57		72		40-140	23		50
Benzo(ghi)perylene	56		72		40-140	25		50
Fluorene	57		71		40-140	22		50
Phenanthrene	55		69		40-140	23		50
Dibenzo(a,h)anthracene	56		71		40-140	24		50
Indeno(1,2,3-cd)pyrene	55		74		40-140	29		50
Pyrene	59		74		35-142	23		50
Biphenyl	54		67		37-127	21		50
4-Chloroaniline	52		54		40-140	4		50
2-Nitroaniline	71		89		47-134	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-2 WG1929055-3								
3-Nitroaniline	53		67		26-129	23		50
4-Nitroaniline	56		69		41-125	21		50
Dibenzofuran	55		70		40-140	24		50
2-Methylnaphthalene	58		71		40-140	20		50
1,2,4,5-Tetrachlorobenzene	57		71		40-117	22		50
Acetophenone	51		60		14-144	16		50
2,4,6-Trichlorophenol	66		82		30-130	22		50
p-Chloro-m-cresol	62		75		26-103	19		50
2-Chlorophenol	56		68		25-102	19		50
2,4-Dichlorophenol	62		75		30-130	19		50
2,4-Dimethylphenol	66		80		30-130	19		50
2-Nitrophenol	72		85		30-130	17		50
4-Nitrophenol	57		73		11-114	25		50
2,4-Dinitrophenol	76		95		4-130	22		50
4,6-Dinitro-o-cresol	77		96		10-130	22		50
Pentachlorophenol	76		96		17-109	23		50
Phenol	49		57		26-90	15		50
2-Methylphenol	55		67		30-130.	20		50
3-Methylphenol/4-Methylphenol	60		73		30-130	20		50
2,4,5-Trichlorophenol	69		85		30-130	21		50
Benzoic Acid	44		56		10-110	24		50
Benzyl Alcohol	55		66		40-140	18		50
Carbazole	55		69		54-128	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929055-2 WG1929055-3								
1,4-Dioxane	34	Q	39	Q	40-140	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		64		25-120
Phenol-d6	54		64		10-120
Nitrobenzene-d5	54		64		23-120
2-Fluorobiphenyl	60		73		30-120
2,4,6-Tribromophenol	83		102		10-136
4-Terphenyl-d14	61		77		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1930137-2 WG1930137-3								
Acenaphthene	51		66		31-137	26		50
1,2,4-Trichlorobenzene	48		66		38-107	32		50
Hexachlorobenzene	51		68		40-140	29		50
Bis(2-chloroethyl)ether	55		70		40-140	24		50
2-Chloronaphthalene	49		62		40-140	23		50
1,2-Dichlorobenzene	50		66		40-140	28		50
1,3-Dichlorobenzene	50		63		40-140	23		50
1,4-Dichlorobenzene	50		63		28-104	23		50
3,3'-Dichlorobenzidine	49		59		40-140	19		50
2,4-Dinitrotoluene	60		70		40-132	15		50
2,6-Dinitrotoluene	60		71		40-140	17		50
Fluoranthene	55		74		40-140	29		50
4-Chlorophenyl phenyl ether	55		75		40-140	31		50
4-Bromophenyl phenyl ether	61		73		40-140	18		50
Bis(2-chloroisopropyl)ether	40		51		40-140	24		50
Bis(2-chloroethoxy)methane	54		78		40-117	36		50
Hexachlorobutadiene	51		68		40-140	29		50
Hexachlorocyclopentadiene	70		89		40-140	24		50
Hexachloroethane	51		67		40-140	27		50
Isophorone	53		70		40-140	28		50
Naphthalene	49		63		40-140	25		50
Nitrobenzene	56		73		40-140	26		50
NDPA/DPA	53		70		36-157	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1930137-2 WG1930137-3								
n-Nitrosodi-n-propylamine	54		67		32-121	21		50
Bis(2-ethylhexyl)phthalate	52		68		40-140	27		50
Butyl benzyl phthalate	61		83		40-140	31		50
Di-n-butylphthalate	61		80		40-140	27		50
Di-n-octylphthalate	55		70		40-140	24		50
Diethyl phthalate	56		71		40-140	24		50
Dimethyl phthalate	52		62		40-140	18		50
Benzo(a)anthracene	58		73		40-140	23		50
Benzo(a)pyrene	63		76		40-140	19		50
Benzo(b)fluoranthene	59		74		40-140	23		50
Benzo(k)fluoranthene	54		71		40-140	27		50
Chrysene	58		73		40-140	23		50
Acenaphthylene	50		60		40-140	18		50
Anthracene	58		70		40-140	19		50
Benzo(ghi)perylene	52		70		40-140	30		50
Fluorene	54		70		40-140	26		50
Phenanthrene	54		66		40-140	20		50
Dibenzo(a,h)anthracene	52		69		40-140	28		50
Indeno(1,2,3-cd)pyrene	54		72		40-140	29		50
Pyrene	55		72		35-142	27		50
Biphenyl	46		58		37-127	23		50
4-Chloroaniline	52		65		40-140	22		50
2-Nitroaniline	59		74		47-134	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1930137-2 WG1930137-3								
3-Nitroaniline	58		68		26-129	16		50
4-Nitroaniline	62		82		41-125	28		50
Dibenzofuran	54		65		40-140	18		50
2-Methylnaphthalene	49		64		40-140	27		50
1,2,4,5-Tetrachlorobenzene	51		65		40-117	24		50
Acetophenone	56		69		14-144	21		50
2,4,6-Trichlorophenol	58		84		30-130	37		50
p-Chloro-m-cresol	57		70		26-103	20		50
2-Chlorophenol	58		75		25-102	26		50
2,4-Dichlorophenol	54		73		30-130	30		50
2,4-Dimethylphenol	67		100		30-130	40		50
2-Nitrophenol	67		102		30-130	41		50
4-Nitrophenol	63		82		11-114	26		50
2,4-Dinitrophenol	77		87		4-130	12		50
4,6-Dinitro-o-cresol	75		95		10-130	24		50
Pentachlorophenol	65		83		17-109	24		50
Phenol	60		74		26-90	21		50
2-Methylphenol	58		75		30-130	26		50
3-Methylphenol/4-Methylphenol	58		71		30-130	20		50
2,4,5-Trichlorophenol	58		81		30-130	33		50
Benzoic Acid	51		43		10-110	17		50
Benzyl Alcohol	59		73		40-140	21		50
Carbazole	55		72		54-128	27		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1930137-2 WG1930137-3								
1,4-Dioxane	35	Q	49		40-140	33		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		81		25-120
Phenol-d6	58		74		10-120
Nitrobenzene-d5	57		75		23-120
2-Fluorobiphenyl	48		61		30-120
2,4,6-Tribromophenol	63		72		10-136
4-Terphenyl-d14	57		89		18-120

METALS

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01
 Client ID: HA-SB06_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5080		mg/kg	16.7	4.52	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Antimony, Total	13.3		mg/kg	8.37	0.636	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Arsenic, Total	14.9		mg/kg	1.67	0.348	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Barium, Total	99.4		mg/kg	1.67	0.291	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.349	J	mg/kg	0.837	0.055	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.210	J	mg/kg	1.67	0.164	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Calcium, Total	80200		mg/kg	16.7	5.86	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Chromium, Total	188		mg/kg	1.67	0.161	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.8		mg/kg	3.35	0.278	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Copper, Total	154		mg/kg	1.67	0.432	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Iron, Total	75300		mg/kg	8.37	1.51	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Lead, Total	323		mg/kg	8.37	0.449	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Magnesium, Total	4490		mg/kg	16.7	2.58	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Manganese, Total	1160		mg/kg	1.67	0.266	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Mercury, Total	3.69		mg/kg	0.138	0.090	2	06/05/24 10:20	06/05/24 23:30	EPA 7471B	1,7471B	SMV
Nickel, Total	16.4		mg/kg	4.18	0.405	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Potassium, Total	975		mg/kg	418	24.1	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.35	0.432	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.837	0.474	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Sodium, Total	395		mg/kg	335	5.27	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	3.35	0.527	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Vanadium, Total	16.4		mg/kg	1.67	0.340	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM
Zinc, Total	146		mg/kg	8.37	0.490	4	06/05/24 09:40	06/05/24 15:45	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05
 Client ID: HA-SB05_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 12:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	2.81		mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 22:43	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05

Date Collected: 05/30/24 12:20

Client ID: HA-SB05_4-6

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4880		mg/kg	9.22	2.49	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Antimony, Total	0.524	J	mg/kg	4.61	0.350	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Arsenic, Total	11.2		mg/kg	0.922	0.192	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Barium, Total	78.5		mg/kg	0.922	0.160	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.292	J	mg/kg	0.461	0.030	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.159	J	mg/kg	0.922	0.090	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Calcium, Total	5610		mg/kg	9.22	3.23	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Chromium, Total	13.6		mg/kg	0.922	0.089	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.46		mg/kg	1.84	0.153	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Copper, Total	19.0		mg/kg	0.922	0.238	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Iron, Total	12500		mg/kg	4.61	0.833	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Lead, Total	208		mg/kg	4.61	0.247	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Magnesium, Total	2340		mg/kg	9.22	1.42	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Manganese, Total	192		mg/kg	0.922	0.147	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Mercury, Total	0.311		mg/kg	0.074	0.049	1	06/05/24 10:20	06/05/24 19:50	EPA 7471B	1,7471B	SMV
Nickel, Total	20.3		mg/kg	2.30	0.223	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Potassium, Total	1080		mg/kg	230	13.3	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.84	0.238	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.461	0.261	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Sodium, Total	105	J	mg/kg	184	2.90	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.84	0.290	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Vanadium, Total	15.7		mg/kg	0.922	0.187	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM
Zinc, Total	101		mg/kg	4.61	0.270	2	06/05/24 09:40	06/05/24 14:03	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06
 Client ID: HA-SB08_4-6
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	ND		mg/l	0.500	0.0270	1	06/12/24 23:30	06/14/24 02:02	EPA 3015	1,6010D	JMF
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06

Date Collected: 05/30/24 08:30

Client ID: HA-SB08_4-6

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8210		mg/kg	8.88	2.40	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Antimony, Total	0.497	J	mg/kg	4.44	0.338	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.58		mg/kg	0.888	0.185	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Barium, Total	63.8		mg/kg	0.888	0.154	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.507		mg/kg	0.444	0.029	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.168	J	mg/kg	0.888	0.087	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Calcium, Total	9870		mg/kg	8.88	3.11	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Chromium, Total	12.8		mg/kg	0.888	0.085	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.80		mg/kg	1.78	0.147	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Copper, Total	19.1		mg/kg	0.888	0.229	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Iron, Total	16000		mg/kg	4.44	0.802	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Lead, Total	27.4		mg/kg	4.44	0.238	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Magnesium, Total	2510		mg/kg	8.88	1.37	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Manganese, Total	335		mg/kg	0.888	0.141	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Mercury, Total	1.88		mg/kg	0.073	0.048	1	06/05/24 10:20	06/05/24 19:53	EPA 7471B	1,7471B	SMV
Nickel, Total	13.9		mg/kg	2.22	0.215	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Potassium, Total	841		mg/kg	222	12.8	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.444	0.251	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Sodium, Total	139	J	mg/kg	178	2.80	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.78	0.280	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Vanadium, Total	19.1		mg/kg	0.888	0.180	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM
Zinc, Total	49.7		mg/kg	4.44	0.260	2	06/05/24 09:40	06/05/24 14:06	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08
 Client ID: HA-SB07_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.128	J	mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 22:47	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-08

Date Collected: 05/30/24 10:15

Client ID: HA-SB07_2-4

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3110		mg/kg	41.5	11.2	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Antimony, Total	9.88	J	mg/kg	20.8	1.58	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Arsenic, Total	13.7		mg/kg	4.15	0.864	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Barium, Total	36.1		mg/kg	4.15	0.723	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.160	J	mg/kg	2.08	0.137	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	4.15	0.407	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Calcium, Total	1870		mg/kg	41.5	14.5	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Chromium, Total	256		mg/kg	4.15	0.399	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Cobalt, Total	16.2		mg/kg	8.30	0.689	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Copper, Total	99.0		mg/kg	4.15	1.07	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Iron, Total	103000		mg/kg	20.8	3.75	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Lead, Total	201		mg/kg	20.8	1.11	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Magnesium, Total	762		mg/kg	41.5	6.40	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Manganese, Total	743		mg/kg	4.15	0.660	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Mercury, Total	0.787		mg/kg	0.068	0.044	1	06/05/24 10:20	06/05/24 20:05	EPA 7471B	1,7471B	SMV
Nickel, Total	20.8		mg/kg	10.4	1.00	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Potassium, Total	435	J	mg/kg	1040	59.8	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	8.30	1.07	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	2.08	1.18	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Sodium, Total	157	J	mg/kg	830	13.1	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	8.30	1.31	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Vanadium, Total	11.8		mg/kg	4.15	0.843	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM
Zinc, Total	73.1		mg/kg	20.8	1.22	10	06/05/24 09:40	06/05/24 15:41	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.293	J	mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 22:51	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
 Client ID: HA-SB09_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8260		mg/kg	8.72	2.35	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Antimony, Total	204		mg/kg	4.36	0.331	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Arsenic, Total	17.6		mg/kg	0.872	0.181	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Barium, Total	55.1		mg/kg	0.872	0.152	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.456		mg/kg	0.436	0.029	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.145	J	mg/kg	0.872	0.085	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Calcium, Total	4910		mg/kg	8.72	3.05	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Chromium, Total	21.9		mg/kg	0.872	0.084	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.0		mg/kg	1.74	0.145	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Copper, Total	61.1		mg/kg	0.872	0.225	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Iron, Total	35100		mg/kg	4.36	0.787	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Lead, Total	2700		mg/kg	4.36	0.234	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Magnesium, Total	3260		mg/kg	8.72	1.34	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Manganese, Total	460		mg/kg	0.872	0.139	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Mercury, Total	0.426		mg/kg	0.072	0.047	1	06/05/24 10:20	06/05/24 20:08	EPA 7471B	1,7471B	SMV
Nickel, Total	19.6		mg/kg	2.18	0.211	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Potassium, Total	756		mg/kg	218	12.6	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Selenium, Total	0.474	J	mg/kg	1.74	0.225	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Silver, Total	0.413	J	mg/kg	0.436	0.247	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Sodium, Total	102	J	mg/kg	174	2.75	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.74	0.275	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Vanadium, Total	22.4		mg/kg	0.872	0.177	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM
Zinc, Total	115		mg/kg	4.36	0.255	2	06/05/24 09:40	06/05/24 14:13	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	19.3		mg/l	0.500	0.0270	1	06/12/24 23:30	06/14/24 00:15	EPA 3015	1,6010D	JMF
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11
 Client ID: HA-SB04_1-3
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3720		mg/kg	8.49	2.29	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Antimony, Total	1.93	J	mg/kg	4.24	0.323	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.37		mg/kg	0.849	0.177	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Barium, Total	180		mg/kg	0.849	0.148	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.266	J	mg/kg	0.424	0.028	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.438	J	mg/kg	0.849	0.083	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Calcium, Total	30000		mg/kg	8.49	2.97	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Chromium, Total	9.08		mg/kg	0.849	0.082	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Cobalt, Total	3.76		mg/kg	1.70	0.141	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Copper, Total	59.1		mg/kg	0.849	0.219	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Iron, Total	9940		mg/kg	4.24	0.767	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Lead, Total	1410		mg/kg	4.24	0.228	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Magnesium, Total	5730		mg/kg	8.49	1.31	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Manganese, Total	178		mg/kg	0.849	0.135	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Mercury, Total	0.461		mg/kg	0.071	0.047	1	06/05/24 10:20	06/05/24 20:12	EPA 7471B	1,7471B	SMV
Nickel, Total	27.2		mg/kg	2.12	0.206	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Potassium, Total	632		mg/kg	212	12.2	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.424	0.240	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Sodium, Total	144	J	mg/kg	170	2.67	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.70	0.267	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Vanadium, Total	12.8		mg/kg	0.849	0.172	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM
Zinc, Total	257		mg/kg	4.24	0.249	2	06/05/24 09:40	06/05/24 14:17	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-13

Date Collected: 05/30/24 13:20

Client ID: HA-SB10_6-8

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/08/24 22:43

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.998		mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 22:55	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13
 Client ID: HA-SB10_6-8
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4140		mg/kg	8.25	2.23	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Antimony, Total	4.61		mg/kg	4.12	0.313	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Arsenic, Total	25.0		mg/kg	0.825	0.172	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Barium, Total	83.4		mg/kg	0.825	0.144	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.279	J	mg/kg	0.412	0.027	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.089	J	mg/kg	0.825	0.081	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Calcium, Total	11500		mg/kg	8.25	2.89	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Chromium, Total	13.5		mg/kg	0.825	0.079	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.73		mg/kg	1.65	0.137	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Copper, Total	31.0		mg/kg	0.825	0.213	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Iron, Total	31100		mg/kg	4.12	0.745	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Lead, Total	305		mg/kg	4.12	0.221	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Magnesium, Total	2720		mg/kg	8.25	1.27	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Manganese, Total	254		mg/kg	0.825	0.131	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Mercury, Total	0.384		mg/kg	0.068	0.044	1	06/05/24 10:20	06/05/24 20:15	EPA 7471B	1,7471B	SMV
Nickel, Total	24.0		mg/kg	2.06	0.200	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Potassium, Total	927		mg/kg	206	11.9	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.412	0.233	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Sodium, Total	131	J	mg/kg	165	2.60	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Vanadium, Total	14.8		mg/kg	0.825	0.167	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM
Zinc, Total	121		mg/kg	4.12	0.242	2	06/05/24 09:40	06/05/24 15:34	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

TCLP/SPLP Ext. Date: 06/08/24 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	9.87		mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 22:59	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15
 Client ID: HA-SB11_10-12
 Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20
 Date Received: 05/30/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5140		mg/kg	8.45	2.28	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Antimony, Total	1.83	J	mg/kg	4.22	0.321	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Arsenic, Total	7.36		mg/kg	0.845	0.176	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Barium, Total	114		mg/kg	0.845	0.147	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.308	J	mg/kg	0.422	0.028	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.539	J	mg/kg	0.845	0.083	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Calcium, Total	6950		mg/kg	8.45	2.96	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Chromium, Total	12.6		mg/kg	0.845	0.081	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Cobalt, Total	5.33		mg/kg	1.69	0.140	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Copper, Total	62.7		mg/kg	0.845	0.218	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Iron, Total	25600		mg/kg	4.22	0.763	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Lead, Total	656		mg/kg	4.22	0.226	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Magnesium, Total	1780		mg/kg	8.45	1.30	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Manganese, Total	300		mg/kg	0.845	0.134	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Mercury, Total	0.208		mg/kg	0.072	0.047	1	06/05/24 10:20	06/05/24 20:18	EPA 7471B	1,7471B	SMV
Nickel, Total	12.4		mg/kg	2.11	0.204	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Potassium, Total	584		mg/kg	211	12.2	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Selenium, Total	0.288	J	mg/kg	1.69	0.218	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Silver, Total	0.281	J	mg/kg	0.422	0.239	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Sodium, Total	135	J	mg/kg	169	2.66	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Vanadium, Total	17.3		mg/kg	0.845	0.171	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM
Zinc, Total	206		mg/kg	4.22	0.248	2	06/05/24 09:40	06/05/24 15:38	EPA 3050B	1,6010D	MAM



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929802-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Calcium, Total	1.53	J	mg/kg	4.00	1.40	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Chromium, Total	0.062	J	mg/kg	0.400	0.038	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Iron, Total	2.94		mg/kg	2.00	0.361	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Manganese, Total	0.076	J	mg/kg	0.400	0.064	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/05/24 09:40	06/05/24 12:50	1,6010D	MAM

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): 01,05-06,08-09,11,13,15 Batch: WG1929803-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/05/24 10:20	06/05/24 12:54	1,7471B	SMV



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05,08-09,13,15 Batch: WG1932112-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 07:51	1,6010D	HJM

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/08/24 07:38

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 06,11 Batch: WG1933350-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	06/12/24 23:30	06/14/24 00:03	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/08/24 22:43

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929802-2								
Aluminum, Total	94		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	95		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	95		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929802-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 Batch: WG1929803-2					
Mercury, Total	104	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05,08-09,13,15 Batch: WG1932112-2					
Lead, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 06,11 Batch: WG1933350-2					
Lead, TCLP	100	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929802-3 QC Sample: L2430750-01 Client ID: MS Sample												
Aluminum, Total	3410	230	4070	286	Q	-	-		75-125	-		20
Antimony, Total	8.08J	57.6	63.1	110		-	-		75-125	-		20
Arsenic, Total	18.8	13.8	35.8	123		-	-		75-125	-		20
Barium, Total	619	230	805	81		-	-		75-125	-		20
Beryllium, Total	0.254J	5.76	5.64	98		-	-		75-125	-		20
Cadmium, Total	7.12	6.11	17.3	167	Q	-	-		75-125	-		20
Calcium, Total	45400	1150	12500	0	Q	-	-		75-125	-		20
Chromium, Total	54.6	23	85.9	136	Q	-	-		75-125	-		20
Cobalt, Total	10.8J	57.6	68.1	118		-	-		75-125	-		20
Copper, Total	198	28.8	309	385	Q	-	-		75-125	-		20
Iron, Total	71100B	115	133000	53700	Q	-	-		75-125	-		20
Lead, Total	1860	61.1	4970	5090	Q	-	-		75-125	-		20
Magnesium, Total	3680	1150	3950	23	Q	-	-		75-125	-		20
Manganese, Total	556	57.6	918	628	Q	-	-		75-125	-		20
Nickel, Total	41.8	57.6	97.1	96		-	-		75-125	-		20
Potassium, Total	329J	1150	1480	128	Q	-	-		75-125	-		20
Selenium, Total	ND	13.8	10.3J	0	Q	-	-		75-125	-		20
Silver, Total	ND	5.76	7.90	137	Q	-	-		75-125	-		20
Sodium, Total	343J	1150	1460	127	Q	-	-		75-125	-		20
Thallium, Total	ND	13.8	12.7	92		-	-		75-125	-		20
Vanadium, Total	15.8	57.6	67.2	89		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929802-3 QC Sample: L2430750-01 Client ID: MS Sample									
Zinc, Total	2470	57.6	3680	2100	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929803-3 QC Sample: L2430750-01 Client ID: MS Sample									
Mercury, Total	11.5	1.89	18.3	360	Q	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05,08-09,13,15 QC Batch ID: WG1932112-3 QC Sample: L2430702-01 Client ID: MS Sample									
Lead, TCLP	0.102J	5.3	4.73	89	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 06,11 QC Batch ID: WG1933350-3 QC Sample: L2429938-06 Client ID: HA-SB08_4-6									
Lead, TCLP	ND	5.3	5.20	98	-	-	75-125	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929802-4 QC Sample: L2430750-01 Client ID: DUP Sample						
Aluminum, Total	3410	3210	mg/kg	6		20
Antimony, Total	8.08J	8.58J	mg/kg	NC		20
Arsenic, Total	18.8	33.0	mg/kg	55	Q	20
Barium, Total	619	768	mg/kg	21	Q	20
Beryllium, Total	0.254J	0.268J	mg/kg	NC		20
Cadmium, Total	7.12	7.66	mg/kg	7		20
Calcium, Total	45400	29200	mg/kg	43	Q	20
Chromium, Total	54.6	52.6	mg/kg	4		20
Cobalt, Total	10.8J	11.5	mg/kg	NC		20
Copper, Total	198	216	mg/kg	9		20
Iron, Total	71100B	86800	mg/kg	20		20
Lead, Total	1860	2350	mg/kg	23	Q	20
Magnesium, Total	3680	2790	mg/kg	28	Q	20
Manganese, Total	556	595	mg/kg	7		20
Nickel, Total	41.8	38.0	mg/kg	10		20
Potassium, Total	329J	314J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	343J	334J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929802-4 QC Sample: L2430750-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	15.8	14.4	mg/kg	9	20
Zinc, Total	2470	2480	mg/kg	0	20
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929803-4 QC Sample: L2430750-01 Client ID: DUP Sample					
Mercury, Total	11.5	9.48	mg/kg	19	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05,08-09,13,15 QC Batch ID: WG1932112-4 QC Sample: L2430702-01 Client ID: DUP Sample					
Lead, TCLP	0.102J	0.0882J	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 06,11 QC Batch ID: WG1933350-4 QC Sample: L2429938-06 Client ID: HA-SB08_4-6					
Lead, TCLP	ND	ND	mg/l	NC	20

Project Name: 667 KENT AVE

Project Number: 0211142

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2429938

Report Date: 06/14/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1929802-6 QC Sample: L2430750-01 Client ID: DUP Sample						
Aluminum, Total	3410	3400	mg/kg	0		20
Barium, Total	619	620	mg/kg	0		20
Calcium, Total	45400	46600	mg/kg	3		20
Copper, Total	198	189	mg/kg	5		20
Iron, Total	71100B	74200	mg/kg	4		20
Lead, Total	1860	1870	mg/kg	1		20
Magnesium, Total	3680	3630	mg/kg	1		20
Manganese, Total	556	567	mg/kg	2		20
Zinc, Total	2470	2510	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-01
Client ID: HA-SB06_2-4
Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 11:30
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE

Lab Number: L2429938

Project Number: 0211142

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-05

Date Collected: 05/30/24 12:20

Client ID: HA-SB05_4-6

Date Received: 05/30/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-06

Client ID: HA-SB08_4-6

Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 08:30

Date Received: 05/30/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE**Project Number:** 0211142**Lab Number:** L2429938**Report Date:** 06/14/24**SAMPLE RESULTS**

Lab ID: L2429938-08

Client ID: HA-SB07_2-4

Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 10:15

Date Received: 05/30/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-09
Client ID: HA-SB09_2-4
Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 09:30
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-11

Client ID: HA-SB04_1-3

Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:00

Date Received: 05/30/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-13

Client ID: HA-SB10_6-8

Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 13:20

Date Received: 05/30/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

SAMPLE RESULTS

Lab ID: L2429938-15

Client ID: HA-SB11_10-12

Sample Location: BROOKLYN, NY

Date Collected: 05/30/24 14:20

Date Received: 05/30/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	05/31/24 12:14	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2429938

Report Date: 06/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,05-06,08-09,11,13,15 QC Batch ID: WG1928062-1 QC Sample: L2429863-01 Client ID: DUP Sample						
Solids, Total	80.4	80.2	%	0		20

Project Name: 667 KENT AVE**Lab Number:** L2429938**Project Number:** 0211142**Report Date:** 06/14/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429938-01A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2429938-01B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-01C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-01D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2429938-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2429938-01F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)
L2429938-02A	Vial MeOH preserved	A	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2429938-02B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-02C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-02D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		HOLD-WETCHEM()
L2429938-02E	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2429938-02F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8270(14)
L2429938-03A	Vial MeOH preserved	A	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2429938-03B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-03C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-03D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		HOLD-WETCHEM()
L2429938-03E	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2429938-03F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8270(14)
L2429938-04A	Vial MeOH preserved	B	NA		2.2	Y	Absent		HOLD-8260HLW(14)

Project Name: 667 KENT AVE
Project Number: 0211142

Serial_No:06142416:07
Lab Number: L2429938
Report Date: 06/14/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429938-04B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-04C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-04D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		HOLD-WETCHEM()
L2429938-04E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		HOLD-METAL(180)
L2429938-04F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		HOLD-8270(14)
L2429938-05A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2429938-05B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-05C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-05D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2429938-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2429938-05F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)
L2429938-05X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-05X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-06A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2429938-06B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-06C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-06D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2429938-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2429938-06F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)
L2429938-06X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-06X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-07A	Vial MeOH preserved	A	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2429938-07B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)

Project Name: 667 KENT AVE
Project Number: 0211142

Serial_No:06142416:07
Lab Number: L2429938
Report Date: 06/14/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429938-07C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-07D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		HOLD-WETCHEM()
L2429938-07E	Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		HOLD-METAL(180)
L2429938-07F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		HOLD-8270(14)
L2429938-08A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2429938-08B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-08C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-08D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2429938-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2429938-08F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)
L2429938-08X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-08X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-09A	Vial MeOH preserved	A	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2429938-09B	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-09C	Vial water preserved	A	NA		2.1	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-09D	Plastic 120ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2429938-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2429938-09F	Glass 120ml/4oz unpreserved	A	NA		2.1	Y	Absent		NYTCL-8270(14)
L2429938-09X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-09X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-10A	Vial MeOH preserved	B	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2429938-10B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-10C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)

Project Name: 667 KENT AVE
Project Number: 0211142

Serial_No:06142416:07
Lab Number: L2429938
Report Date: 06/14/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429938-10D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		HOLD-WETCHEM()
L2429938-10E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		HOLD-METAL(180)
L2429938-10F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		HOLD-8270(14)
L2429938-11A	Vial MeOH preserved	B	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2429938-11B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-11C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-11D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		TS(7)
L2429938-11E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2429938-11F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		NYTCL-8270(14)
L2429938-11X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-11X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-12A	Vial MeOH preserved	B	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2429938-12B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-12C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-12D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		HOLD-WETCHEM()
L2429938-12E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		HOLD-METAL(180)
L2429938-12F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		HOLD-8270(14)
L2429938-13A	Vial MeOH preserved	B	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2429938-13B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-13C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-13D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		TS(7)
L2429938-13E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2429938-13F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		NYTCL-8270(14)

Project Name: 667 KENT AVE
Project Number: 0211142

Serial_No:06142416:07
Lab Number: L2429938
Report Date: 06/14/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429938-13X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-13X1	Tumble Vessel	NA	NA			Y	Absent		-
L2429938-14A	Vial MeOH preserved	B	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2429938-14B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-14C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	HOLD-8260HLW(14)
L2429938-14D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		HOLD-WETCHEM()
L2429938-14E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		HOLD-METAL(180)
L2429938-14F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		HOLD-8270(14)
L2429938-15A	Vial MeOH preserved	B	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2429938-15B	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-15C	Vial water preserved	B	NA		2.2	Y	Absent	31-MAY-24 09:16	NYTCL-8260HLW(14)
L2429938-15D	Plastic 120ml unpreserved	B	NA		2.2	Y	Absent		TS(7)
L2429938-15E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2429938-15F	Glass 120ml/4oz unpreserved	B	NA		2.2	Y	Absent		NYTCL-8270(14)
L2429938-15X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2429938-15X1	Tumble Vessel	NA	NA			Y	Absent		-

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: 667 KENT AVE
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Lab Number: L2429938
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Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2429938
Report Date: 06/14/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water








EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 273 Couper Ave, Suite 100		Page 1 of 2	Date Rec'd in Lab 5/31/24	ALPHA Job # L2429938	
		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: 508-822-3286	Project Information Project Name: 467 Kent Ave Project Location: Brooklyn NY Project # 0211142		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other	
Client Information Client: H&A of NY Address: 213 W 35th Street Floor 7 Phone: Fax: pdinardo@haleyaldrich.com Email: eschauerman@haleyaldrich.com		(Use Project name as Project #) <input type="checkbox"/> Project Manager: Elizabeth Schaeferman ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments	
Please specify Metals or TAL.				VOCs SVOCs Total Metals		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials		
29938	-01	HA-SB06-2-4	5/30/24	1130	Soil		SS
	-02	HA-SB08-10-12		0830			
	-03	HA-SB05-9-11		1220			
	-04	HA-SB06-6-8		1130			
	-05	HA-SB05-4-6		1220			
	-06	HA-SB08-4-6		0830			
	-07	HA-SB07-8-10		1015			
	-08	HA-SB07-2-4		1015			
	-09	HA-SB09-2-4		0930			
	-10	HA-SB09-8-10		0930			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: V A A Preservative: A/F A A	
Relinquished By:		Date/Time		Received By:		Date/Time	
		5/30/24 1535				5/30/24 1535	
		5/30/24 1830				5/30/24 1845	
		5/31/24 100				5/31/24 2200	
Form No: 01-25 HC (rev. 30-Sept-2013)		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:	L2430343
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	667 KENT AVE
Project Number:	0211142
Report Date:	06/18/24

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

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

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



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430343-01	HA-SB01_2-4	SOIL	BROOKLYN, NY	05/31/24 14:15	05/31/24
L2430343-02	HA-SB01_6-8	SOIL	BROOKLYN, NY	05/31/24 14:15	05/31/24
L2430343-03	HA-SB02_2-4	SOIL	BROOKLYN, NY	05/31/24 10:50	05/31/24
L2430343-04	HA-SB03_1-3	SOIL	BROOKLYN, NY	05/31/24 08:30	05/31/24
L2430343-05	HA-TW02	WATER	BROOKLYN, NY	05/31/24 14:00	05/31/24
L2430343-06	HA-TW03	WATER	BROOKLYN, NY	05/31/24 10:15	05/31/24

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Case Narrative (continued)

Report Submission

June 18, 2024: This final report includes the results of all requested analyses.

June 07, 2024: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2430343-01: One or more of the internal standard recoveries are outside the acceptance criteria; however, the internal standard is within criteria for the target compounds; therefore, the results are reported.

The WG1931270-5 Method Blank, associated with L2430343-01R, has concentrations above the reporting limits for chloroform and bromodichloromethane. Since the associated sample concentrations are non-detect to the RL for these target analytes, no corrective action is required.

Total Metals

L2430343-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 06/18/24

ORGANICS

VOLATILES

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 06/07/24 01:44
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 Low - Westborough Lab						
Naphthalene	0.47	J	ug/kg	2.8	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	133	Q	70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01 R

Date Collected: 05/31/24 14:15

Client ID: HA-SB01_2-4

Date Received: 05/31/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 06/07/24 12:27

Analyst: MKS

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.81	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.81	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.81	0.10	1
Dibromochloromethane	ND		ug/kg	0.81	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.81	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.56	1
1,2-Dichloroethane	ND		ug/kg	0.81	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.13	1
Benzene	0.15	J	ug/kg	0.41	0.13	1
Toluene	ND		ug/kg	0.81	0.44	1
Ethylbenzene	ND		ug/kg	0.81	0.11	1
Chloromethane	ND		ug/kg	3.2	0.76	1
Bromomethane	ND		ug/kg	1.6	0.47	1
Vinyl chloride	ND		ug/kg	0.81	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.81	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01 R

Date Collected: 05/31/24 14:15

Client ID: HA-SB01_2-4

Date Received: 05/31/24

Sample Location: 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	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.81	0.24	1
Xylenes, Total	ND		ug/kg	0.81	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.81	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.19	1
Styrene	ND		ug/kg	0.81	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.1	0.74	1
Acetone	ND		ug/kg	8.1	3.9	1
Carbon disulfide	ND		ug/kg	8.1	3.7	1
2-Butanone	ND		ug/kg	8.1	1.8	1
Vinyl acetate	ND		ug/kg	8.1	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.1	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.81	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.81	0.14	1
sec-Butylbenzene	ND		ug/kg	0.81	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.81	1
Hexachlorobutadiene	ND		ug/kg	3.2	0.14	1
Isopropylbenzene	ND		ug/kg	0.81	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.81	0.09	1
Acrylonitrile	ND		ug/kg	3.2	0.93	1
n-Propylbenzene	ND		ug/kg	0.81	0.14	1

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01 R
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	0.43	J	ug/kg	1.6	0.27	1
1,4-Dioxane	ND		ug/kg	65	28.	1
p-Diethylbenzene	0.20	J	ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.31	1
1,2,4,5-Tetramethylbenzene	0.16	J	ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-05
 Client ID: HA-TW02
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:00
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 22:28
 Analyst: MJV

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
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.41	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
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: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-05
 Client ID: HA-TW02
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:00
 Date Received: 05/31/24
 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	0.17	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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-05
Client ID: HA-TW02
Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:00
Date Received: 05/31/24
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	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: 667 KENT AVE**Lab Number:** L2430343**Project Number:** 0211142**Report Date:** 06/18/24**SAMPLE RESULTS**

Lab ID: L2430343-06
 Client ID: HA-TW03
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 10:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/05/24 22:50
 Analyst: MJV

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	0.21	J	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
1,1,1,2,2-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: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-06
 Client ID: HA-TW03
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 10:15
 Date Received: 05/31/24
 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	0.17	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	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-06
Client ID: HA-TW03
Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 10:15
Date Received: 05/31/24
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	125		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	118		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/24 19:08
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1930697-5					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/24 19:08
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1930697-5					
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	0.17
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/24 19:08
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1930697-5					
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	123		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	113		70-130

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 21:54
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931110-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.53	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 21:54
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931110-5					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 21:54
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931110-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

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

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 10:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931270-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	4.8		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	0.71	J	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	1.8		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 10:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931270-5					
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: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260D
 Analytical Date: 06/07/24 10:16
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931270-5					
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	0.72	J	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	0.55	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.36	J	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	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1930697-3 WG1930697-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	89		92		63-132	3		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	94		100		63-130	6		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	80		79		70-130	1		20
Chlorobenzene	98		100		75-130	2		20
Trichlorofluoromethane	93		97		62-150	4		20
1,2-Dichloroethane	110		120		70-130	9		20
1,1,1-Trichloroethane	94		97		67-130	3		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	96		100		70-130	4		20
cis-1,3-Dichloropropene	97		100		70-130	3		20
1,1-Dichloropropene	88		89		70-130	1		20
Bromoform	88		92		54-136	4		20
1,1,2,2-Tetrachloroethane	99		110		67-130	11		20
Benzene	100		110		70-130	10		20
Toluene	99		100		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		130		64-130	8		20
Bromomethane	90		96		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1930697-3 WG1930697-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	80		85		61-145	6		20
trans-1,2-Dichloroethene	94		95		70-130	1		20
Trichloroethene	90		91		70-130	1		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	87		97		63-130	11		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	96		100		70-130	4		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	100		120		70-130	18		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	83		86		36-147	4		20
Acetone	110		120		58-148	9		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	98		100		63-138	2		20
Vinyl acetate	130		140	Q	70-130	7		20
4-Methyl-2-pentanone	84		100		59-130	17		20
2-Hexanone	83		110		57-130	28	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1930697-3 WG1930697-4								
Bromochloromethane	94		100		70-130	6		20
2,2-Dichloropropane	97		100		63-133	3		20
1,2-Dibromoethane	90		95		70-130	5		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	93		95		64-130	2		20
Bromobenzene	91		96		70-130	5		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	93		94		70-130	1		20
tert-Butylbenzene	88		91		70-130	3		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	79		89		41-144	12		20
Hexachlorobutadiene	83		80		63-130	4		20
Isopropylbenzene	92		95		70-130	3		20
p-Isopropyltoluene	90		91		70-130	1		20
Naphthalene	85		92		70-130	8		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	91		93		70-130	2		20
1,2,4-Trichlorobenzene	92		93		70-130	1		20
1,3,5-Trimethylbenzene	93		97		64-130	4		20
1,2,4-Trimethylbenzene	96		100		70-130	4		20
1,4-Dioxane	86		94		56-162	9		20
p-Diethylbenzene	86		87		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1930697-3 WG1930697-4								
p-Ethyltoluene	92		96		70-130	4		20
1,2,4,5-Tetramethylbenzene	94		96		70-130	2		20
Ethyl ether	88		100		59-134	13		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		122		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931110-3 WG1931110-4								
Methylene chloride	99		98		70-130	1		30
1,1-Dichloroethane	103		102		70-130	1		30
Chloroform	105		103		70-130	2		30
Carbon tetrachloride	107		105		70-130	2		30
1,2-Dichloropropane	104		102		70-130	2		30
Dibromochloromethane	110		109		70-130	1		30
1,1,2-Trichloroethane	101		102		70-130	1		30
Tetrachloroethene	96		95		70-130	1		30
Chlorobenzene	102		101		70-130	1		30
Trichlorofluoromethane	102		100		70-139	2		30
1,2-Dichloroethane	99		99		70-130	0		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	108		106		70-130	2		30
trans-1,3-Dichloropropene	105		105		70-130	0		30
cis-1,3-Dichloropropene	96		95		70-130	1		30
1,1-Dichloropropene	95		93		70-130	2		30
Bromoform	104		104		70-130	0		30
1,1,2,2-Tetrachloroethane	101		100		70-130	1		30
Benzene	107		106		70-130	1		30
Toluene	100		100		70-130	0		30
Ethylbenzene	101		101		70-130	0		30
Chloromethane	93		87		52-130	7		30
Bromomethane	73		70		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931110-3 WG1931110-4								
Vinyl chloride	90		84		67-130	7		30
Chloroethane	91		88		50-151	3		30
1,1-Dichloroethene	94		91		65-135	3		30
trans-1,2-Dichloroethene	101		100		70-130	1		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	102		102		70-130	0		30
1,4-Dichlorobenzene	102		102		70-130	0		30
Methyl tert butyl ether	105		102		66-130	3		30
p/m-Xylene	94		94		70-130	0		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	102		100		70-130	2		30
Dibromomethane	104		104		70-130	0		30
Styrene	92		92		70-130	0		30
Dichlorodifluoromethane	89		87		30-146	2		30
Acetone	103		98		54-140	5		30
Carbon disulfide	97		95		59-130	2		30
2-Butanone	104		103		70-130	1		30
Vinyl acetate	112		104		70-130	7		30
4-Methyl-2-pentanone	97		95		70-130	2		30
1,2,3-Trichloropropane	98		96		68-130	2		30
2-Hexanone	104		104		70-130	0		30
Bromochloromethane	106		106		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931110-3 WG1931110-4								
2,2-Dichloropropane	106		102		70-130	4		30
1,2-Dibromoethane	107		106		70-130	1		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	100		101		70-130	1		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	104		104		70-130	0		30
tert-Butylbenzene	104		104		70-130	0		30
o-Chlorotoluene	100		101		70-130	1		30
p-Chlorotoluene	102		101		70-130	1		30
1,2-Dibromo-3-chloropropane	106		105		68-130	1		30
Hexachlorobutadiene	105		104		67-130	1		30
Isopropylbenzene	95		95		70-130	0		30
p-Isopropyltoluene	96		95		70-130	1		30
Naphthalene	112		111		70-130	1		30
Acrylonitrile	102		97		70-130	5		30
n-Propylbenzene	103		103		70-130	0		30
1,2,3-Trichlorobenzene	106		103		70-130	3		30
1,2,4-Trichlorobenzene	109		107		70-130	2		30
1,3,5-Trimethylbenzene	103		103		70-130	0		30
1,2,4-Trimethylbenzene	101		100		70-130	1		30
1,4-Dioxane	92		91		65-136	1		30
p-Diethylbenzene	99		99		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931110-3 WG1931110-4								
p-Ethyltoluene	102		102		70-130	0		30
1,2,4,5-Tetramethylbenzene	106		105		70-130	1		30
Ethyl ether	105		104		67-130	1		30
trans-1,4-Dichloro-2-butene	102		104		70-130	2		30

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931270-3 WG1931270-4								
Methylene chloride	90		80		70-130	12		30
1,1-Dichloroethane	92		85		70-130	8		30
Chloroform	85		81		70-130	5		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	88		84		70-130	5		30
1,1,2-Trichloroethane	88		83		70-130	6		30
Tetrachloroethene	91		90		70-130	1		30
Chlorobenzene	95		91		70-130	4		30
Trichlorofluoromethane	94		88		70-139	7		30
1,2-Dichloroethane	83		79		70-130	5		30
1,1,1-Trichloroethane	86		83		70-130	4		30
Bromodichloromethane	84		81		70-130	4		30
trans-1,3-Dichloropropene	91		86		70-130	6		30
cis-1,3-Dichloropropene	92		87		70-130	6		30
1,1-Dichloropropene	90		87		70-130	3		30
Bromoform	82		79		70-130	4		30
1,1,2,2-Tetrachloroethane	89		87		70-130	2		30
Benzene	93		90		70-130	3		30
Toluene	91		90		70-130	1		30
Ethylbenzene	92		89		70-130	3		30
Chloromethane	70		63		52-130	11		30
Bromomethane	109		98		57-147	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931270-3 WG1931270-4								
Vinyl chloride	92		84		67-130	9		30
Chloroethane	101		93		50-151	8		30
1,1-Dichloroethene	90		83		65-135	8		30
trans-1,2-Dichloroethene	92		85		70-130	8		30
Trichloroethene	85		82		70-130	4		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	96		93		70-130	3		30
Methyl tert butyl ether	89		80		66-130	11		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	94		91		70-130	3		30
cis-1,2-Dichloroethene	90		86		70-130	5		30
Dibromomethane	89		83		70-130	7		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	73		68		30-146	7		30
Acetone	67		61		54-140	9		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	73		68	Q	70-130	7		30
Vinyl acetate	79		75		70-130	5		30
4-Methyl-2-pentanone	89		84		70-130	6		30
1,2,3-Trichloropropane	87		85		68-130	2		30
2-Hexanone	72		67	Q	70-130	7		30
Bromochloromethane	91		85		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931270-3 WG1931270-4								
2,2-Dichloropropane	86		82		70-130	5		30
1,2-Dibromoethane	87		82		70-130	6		30
1,3-Dichloropropane	91		87		69-130	4		30
1,1,1,2-Tetrachloroethane	87		84		70-130	4		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	98		98		70-130	0		30
sec-Butylbenzene	93		94		70-130	1		30
tert-Butylbenzene	92		93		70-130	1		30
o-Chlorotoluene	90		90		70-130	0		30
p-Chlorotoluene	89		89		70-130	0		30
1,2-Dibromo-3-chloropropane	86		81		68-130	6		30
Hexachlorobutadiene	100		99		67-130	1		30
Isopropylbenzene	92		92		70-130	0		30
p-Isopropyltoluene	96		97		70-130	1		30
Naphthalene	94		90		70-130	4		30
Acrylonitrile	82		71		70-130	14		30
n-Propylbenzene	94		94		70-130	0		30
1,2,3-Trichlorobenzene	100		97		70-130	3		30
1,2,4-Trichlorobenzene	106		103		70-130	3		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
1,4-Dioxane	112		107		65-136	5		30
p-Diethylbenzene	97		97		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931270-3 WG1931270-4								
p-Ethyltoluene	92		92		70-130	0		30
1,2,4,5-Tetramethylbenzene	95		94		70-130	1		30
Ethyl ether	92		81		67-130	13		30
trans-1,4-Dichloro-2-butene	79		79		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		83		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	93		90		70-130

SEMIVOLATILES

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/07/24 12:29
 Analyst: SZ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/06/24 23:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	31	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	3600		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	570		ug/kg	110	20.	1
Benzo(a)pyrene	540		ug/kg	140	44.	1
Benzo(b)fluoranthene	670		ug/kg	110	30.	1
Benzo(k)fluoranthene	210		ug/kg	110	29.	1
Chrysene	550		ug/kg	110	19.	1
Acenaphthylene	43	J	ug/kg	140	28.	1
Anthracene	220		ug/kg	110	35.	1
Benzo(ghi)perylene	330		ug/kg	140	21.	1
Fluorene	96	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	78	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	140	25.	1
Pyrene	1200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	50	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	80	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	62		18-120

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1930424-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
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	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1930424-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	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	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1930424-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
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	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	107		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1930424-2 WG1930424-3								
Acenaphthene	85		89		31-137	5		50
1,2,4-Trichlorobenzene	89		95		38-107	7		50
Hexachlorobenzene	88		92		40-140	4		50
Bis(2-chloroethyl)ether	71		81		40-140	13		50
2-Chloronaphthalene	94		97		40-140	3		50
1,2-Dichlorobenzene	77		86		40-140	11		50
1,3-Dichlorobenzene	76		84		40-140	10		50
1,4-Dichlorobenzene	76		86		28-104	12		50
3,3'-Dichlorobenzidine	82		89		40-140	8		50
2,4-Dinitrotoluene	87		90		40-132	3		50
2,6-Dinitrotoluene	94		98		40-140	4		50
Fluoranthene	98		104		40-140	6		50
4-Chlorophenyl phenyl ether	98		101		40-140	3		50
4-Bromophenyl phenyl ether	96		100		40-140	4		50
Bis(2-chloroisopropyl)ether	76		83		40-140	9		50
Bis(2-chloroethoxy)methane	78		83		40-117	6		50
Hexachlorobutadiene	92		102		40-140	10		50
Hexachlorocyclopentadiene	30	Q	29	Q	40-140	3		50
Hexachloroethane	60		65		40-140	8		50
Isophorone	81		85		40-140	5		50
Naphthalene	81		89		40-140	9		50
Nitrobenzene	87		92		40-140	6		50
NDPA/DPA	91		95		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1930424-2 WG1930424-3								
n-Nitrosodi-n-propylamine	80		85		32-121	6		50
Bis(2-ethylhexyl)phthalate	78		84		40-140	7		50
Butyl benzyl phthalate	84		91		40-140	8		50
Di-n-butylphthalate	84		90		40-140	7		50
Di-n-octylphthalate	74		79		40-140	7		50
Diethyl phthalate	82		87		40-140	6		50
Dimethyl phthalate	95		98		40-140	3		50
Benzo(a)anthracene	89		94		40-140	5		50
Benzo(a)pyrene	82		86		40-140	5		50
Benzo(b)fluoranthene	82		88		40-140	7		50
Benzo(k)fluoranthene	83		84		40-140	1		50
Chrysene	87		91		40-140	4		50
Acenaphthylene	96		101		40-140	5		50
Anthracene	90		98		40-140	9		50
Benzo(ghi)perylene	80		86		40-140	7		50
Fluorene	90		94		40-140	4		50
Phenanthrene	86		92		40-140	7		50
Dibenzo(a,h)anthracene	83		88		40-140	6		50
Indeno(1,2,3-cd)pyrene	85		91		40-140	7		50
Pyrene	98		104		35-142	6		50
Biphenyl	83		87		37-127	5		50
4-Chloroaniline	88		71		40-140	21		50
2-Nitroaniline	107		109		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1930424-2 WG1930424-3								
3-Nitroaniline	93		96		26-129	3		50
4-Nitroaniline	102		101		41-125	1		50
Dibenzofuran	89		93		40-140	4		50
2-Methylnaphthalene	89		94		40-140	5		50
1,2,4,5-Tetrachlorobenzene	92		96		40-117	4		50
Acetophenone	72		78		14-144	8		50
2,4,6-Trichlorophenol	108		110		30-130	2		50
p-Chloro-m-cresol	94		94		26-103	0		50
2-Chlorophenol	81		88		25-102	8		50
2,4-Dichlorophenol	98		101		30-130	3		50
2,4-Dimethylphenol	78		83		30-130	6		50
2-Nitrophenol	80		84		30-130	5		50
4-Nitrophenol	88		90		11-114	2		50
2,4-Dinitrophenol	19		18		4-130	5		50
4,6-Dinitro-o-cresol	18		16		10-130	12		50
Pentachlorophenol	96		99		17-109	3		50
Phenol	82		88		26-90	7		50
2-Methylphenol	84		89		30-130.	6		50
3-Methylphenol/4-Methylphenol	85		87		30-130	2		50
2,4,5-Trichlorophenol	112		114		30-130	2		50
Benzoic Acid	80		75		10-110	6		50
Benzyl Alcohol	84		91		40-140	8		50
Carbazole	87		93		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1930424-2 WG1930424-3								
1,4-Dioxane	41		45		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		88		25-120
Phenol-d6	81		86		10-120
Nitrobenzene-d5	83		90		23-120
2-Fluorobiphenyl	92		97		30-120
2,4,6-Tribromophenol	87		89		10-136
4-Terphenyl-d14	96		101		18-120

METALS

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01

Date Collected: 05/31/24 14:15

Client ID: HA-SB01_2-4

Date Received: 05/31/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/08/24 22:43

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	1.84		mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 23:03	EPA 3015	1,6010D	TAA
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Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	8.32	2.24	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Antimony, Total	0.364	J	mg/kg	4.16	0.316	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.07		mg/kg	0.832	0.173	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Barium, Total	82.4		mg/kg	0.832	0.145	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.280	J	mg/kg	0.416	0.027	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.293	J	mg/kg	0.832	0.082	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Calcium, Total	9800		mg/kg	8.32	2.91	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Chromium, Total	11.4		mg/kg	0.832	0.080	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.40		mg/kg	1.66	0.138	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Copper, Total	34.6		mg/kg	0.832	0.214	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Iron, Total	11700		mg/kg	4.16	0.751	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Lead, Total	1230		mg/kg	4.16	0.223	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Magnesium, Total	2780		mg/kg	8.32	1.28	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Manganese, Total	219		mg/kg	0.832	0.132	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Mercury, Total	0.403		mg/kg	0.079	0.052	1	06/06/24 02:37	06/06/24 23:23	EPA 7471B	1,7471B	JWN
Nickel, Total	13.8		mg/kg	2.08	0.201	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Potassium, Total	526		mg/kg	208	12.0	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Selenium, Total	0.216	J	mg/kg	1.66	0.214	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Silver, Total	0.275	J	mg/kg	0.416	0.235	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Sodium, Total	95.5	J	mg/kg	166	2.62	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Thallium, Total	0.403	J	mg/kg	1.66	0.262	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Vanadium, Total	12.0		mg/kg	0.832	0.169	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL
Zinc, Total	174		mg/kg	4.16	0.244	2	06/06/24 01:48	06/06/24 17:30	EPA 3050B	1,6010D	DHL



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1930226-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Iron, Total	1.45	J	mg/kg	2.00	0.361	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/06/24 01:48	06/06/24 11:49	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1930228-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/06/24 02:37	06/06/24 22:30	1,7471B	JWN



Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1932112-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	06/10/24 18:08	06/11/24 07:51	1,6010D	HJM

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/08/24 07:38



Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930226-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930226-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1930228-2					
Mercury, Total	97	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1932112-2					
Lead, TCLP	92	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Lab Number: L2430343

Project Number: 0211142

Report Date: 06/18/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930226-3 QC Sample: L2428227-12 Client ID: MS Sample												
Aluminum, Total	6880	187	6960	43	Q	-	-		75-125	-		20
Antimony, Total	ND	46.8	42.2	90		-	-		75-125	-		20
Arsenic, Total	1.25	11.2	11.4	90		-	-		75-125	-		20
Barium, Total	62.7	187	236	92		-	-		75-125	-		20
Beryllium, Total	0.251J	4.68	4.78	102		-	-		75-125	-		20
Cadmium, Total	0.120J	4.96	4.87	98		-	-		75-125	-		20
Calcium, Total	1570	937	2310	79		-	-		75-125	-		20
Chromium, Total	17.1	18.7	34.8	94		-	-		75-125	-		20
Cobalt, Total	5.28	46.8	49.6	95		-	-		75-125	-		20
Copper, Total	9.55	23.4	32.6	98		-	-		75-125	-		20
Iron, Total	9700	93.7	10800	1170	Q	-	-		75-125	-		20
Lead, Total	3.09J	49.6	49.8	100		-	-		75-125	-		20
Magnesium, Total	5510	937	5700	20	Q	-	-		75-125	-		20
Manganese, Total	92.9	46.8	148	118		-	-		75-125	-		20
Nickel, Total	11.3	46.8	55.4	94		-	-		75-125	-		20
Potassium, Total	1020	937	1840	88		-	-		75-125	-		20
Selenium, Total	ND	11.2	10.1	90		-	-		75-125	-		20
Silver, Total	ND	4.68	4.71	100		-	-		75-125	-		20
Sodium, Total	35.9J	937	1040	111		-	-		75-125	-		20
Thallium, Total	0.388J	11.2	10.8	96		-	-		75-125	-		20
Vanadium, Total	16.6	46.8	61.9	97		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930226-3 QC Sample: L2428227-12 Client ID: MS Sample									
Zinc, Total	31.9	46.8	78.2	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930228-3 QC Sample: L2428227-12 Client ID: MS Sample									
Mercury, Total	ND	1.57	1.56	100	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1932112-3 QC Sample: L2430702-01 Client ID: MS Sample									
Lead, TCLP	0.102J	5.3	4.73	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930226-4 QC Sample: L2428227-12 Client ID: DUP Sample						
Aluminum, Total	6880	7830	mg/kg	13		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.25	1.39	mg/kg	11		20
Barium, Total	62.7	60.1	mg/kg	4		20
Beryllium, Total	0.251J	0.282J	mg/kg	NC		20
Cadmium, Total	0.120J	ND	mg/kg	NC		20
Calcium, Total	1570	1400	mg/kg	11		20
Chromium, Total	17.1	16.8	mg/kg	2		20
Cobalt, Total	5.28	5.69	mg/kg	7		20
Copper, Total	9.55	10.6	mg/kg	10		20
Iron, Total	9700	11100	mg/kg	13		20
Lead, Total	3.09J	3.89J	mg/kg	NC		20
Magnesium, Total	5510	6020	mg/kg	9		20
Manganese, Total	92.9	98.3	mg/kg	6		20
Nickel, Total	11.3	11.8	mg/kg	4		20
Potassium, Total	1020	792	mg/kg	25	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	35.9J	33.2J	mg/kg	NC		20

Lab Duplicate Analysis Batch Quality Control

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930226-4 QC Sample: L2428227-12 Client ID: DUP Sample					
Thallium, Total	0.388J	0.520J	mg/kg	NC	20
Vanadium, Total	16.6	19.8	mg/kg	18	20
Zinc, Total	31.9	33.9	mg/kg	6	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1930228-4 QC Sample: L2428227-12 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1932112-4 QC Sample: L2430702-01 Client ID: DUP Sample					
Lead, TCLP	0.102J	0.0882J	mg/l	NC	20



INORGANICS & MISCELLANEOUS

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2430343-01
 Client ID: HA-SB01_2-4
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	06/04/24 00:37	121,2540G	WJM



Lab Duplicate Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430343

Report Date: 06/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1929153-1 QC Sample: L2430229-01 Client ID: DUP Sample						
Solids, Total	73.0	73.6	%	1		20

Project Name: 667 KENT AVE
Project Number: 0211142

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430343-01A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2430343-01B	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	NYTCL-8260HLW(14)
L2430343-01C	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	NYTCL-8260HLW(14)
L2430343-01D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2430343-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-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),CA-TI(180),NA-TI(180),K-TI(180)
L2430343-01F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14)
L2430343-01X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2430343-01X1	Tumble Vessel	NA	NA			Y	Absent		-
L2430343-02A	Vial MeOH preserved	A	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2430343-02B	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-02C	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-02D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2430343-02E	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2430343-02F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8270(14)
L2430343-03A	Vial MeOH preserved	A	NA		3.3	Y	Absent		HOLD-8260HLW(14)
L2430343-03B	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-03C	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-03D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2430343-03E	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2430343-03F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8270(14)
L2430343-04A	Vial MeOH preserved	A	NA		3.3	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430343-04B	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-04C	Vial water preserved	A	NA		3.3	Y	Absent	01-JUN-24 10:07	HOLD-8260HLW(14)
L2430343-04D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2430343-04E	Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		HOLD-METAL(180)
L2430343-04F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-8270(14)
L2430343-05A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2430343-05B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2430343-05C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2430343-06A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2430343-06B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2430343-06C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430343
Report Date: 06/18/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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



ANALYTICAL REPORT

Lab Number:	L2430348
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Elizabeth Scheuerman
Phone:	(646) 277-5692
Project Name:	667 KENT AVE
Project Number:	0211142
Report Date:	06/10/24

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

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Project Name: 667 KENT AVE
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Lab Number: L2430348
Report Date: 06/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430348-01	SV-01	SOIL_VAPOR	BROOKLYN, NY	05/31/24 13:55	05/31/24
L2430348-02	SV-02	SOIL_VAPOR	BROOKLYN, NY	05/31/24 14:15	05/31/24
L2430348-03	SV-03	SOIL_VAPOR	BROOKLYN, NY	05/31/24 13:55	05/31/24

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 30, 2024. The canister certification data is provided as an addendum.

L2430348-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/10/24

AIR

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-01
 Client ID: SV-01
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/10/24 02:37
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.822	0.200	--	4.06	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	546	5.00	--	1030	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	82.0	1.00	--	195	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	5.63	0.500	--	13.8	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	7.95	0.200	--	24.8	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	4.14	0.200	--	16.8	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	5.06	0.500	--	14.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-01
 Client ID: SV-01
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	17.4	0.500	--	62.7	1.80	--		1
Chloroform	0.297	0.200	--	1.45	0.977	--		1
Tetrahydrofuran	1.35	0.500	--	3.98	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	2.18	0.200	--	11.9	1.09	--		1
Benzene	1.56	0.200	--	4.98	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.608	0.200	--	2.09	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	6.18	0.200	--	25.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	3.35	0.500	--	13.7	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	1.40	0.200	--	5.28	0.754	--		1
2-Hexanone	0.615	0.200	--	2.52	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	0.424	0.200	--	1.84	0.869	--		1



Project Name: 667 KENT AVE**Lab Number:** L2430348**Project Number:** 0211142**Report Date:** 06/10/24**SAMPLE RESULTS**

Lab ID: L2430348-01
 Client ID: SV-01
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.26	0.400	--	5.47	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	0.616	0.200	--	2.68	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.392	0.200	--	1.93	0.983	--		1
1,2,4-Trimethylbenzene	0.551	0.200	--	2.71	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	5.56	0.200	--	29.2	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140



Project Name: 667 KENT AVE**Lab Number:** L2430348**Project Number:** 0211142**Report Date:** 06/10/24**SAMPLE RESULTS**

Lab ID: L2430348-01 D

Date Collected: 05/31/24 13:55

Client ID: SV-01

Date Received: 05/31/24

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/10/24 08:56

Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethanol	710	25.0	--	1340	47.1	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	86		60-140

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-02
 Client ID: SV-02
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/10/24 03:15
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.527	0.200	--	2.61	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	23.7	5.00	--	44.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.257	0.200	--	1.44	1.12	--		1
Isopropanol	1.26	0.500	--	3.10	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	1.57	0.200	--	4.89	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



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-02
 Client ID: SV-02
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	2.90	0.500	--	10.5	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.944	0.500	--	2.78	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	4.83	0.200	--	17.0	0.705	--		1
1,1,1-Trichloroethane	1.98	0.200	--	10.8	1.09	--		1
Benzene	6.18	0.200	--	19.7	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.14	0.200	--	7.37	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	3.19	0.200	--	13.1	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	1.27	0.200	--	4.79	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	10.6	0.200	--	71.9	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.205	0.200	--	0.890	0.869	--		1



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-02
 Client ID: SV-02
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 14:15
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	99		60-140



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-03
 Client ID: SV-03
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/10/24 03:55
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.477	0.200	--	2.36	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	16.7	5.00	--	31.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.58	1.00	--	3.75	2.38	--		1
Trichlorofluoromethane	0.343	0.200	--	1.93	1.12	--		1
Isopropanol	0.756	0.500	--	1.86	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



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

SAMPLE RESULTS

Lab ID: L2430348-03
 Client ID: SV-03
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.60	0.500	--	5.77	1.80	--		1
Chloroform	0.858	0.200	--	4.19	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	1.09	0.200	--	5.95	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.285	0.200	--	0.981	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	0.637	0.200	--	3.42	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	0.234	0.200	--	0.882	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	71.4	0.200	--	484	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 667 KENT AVE**Lab Number:** L2430348**Project Number:** 0211142**Report Date:** 06/10/24**SAMPLE RESULTS**

Lab ID: L2430348-03
 Client ID: SV-03
 Sample Location: BROOKLYN, NY

Date Collected: 05/31/24 13:55
 Date Received: 05/31/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.583	0.400	--	2.53	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	0.421	0.200	--	1.83	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	0.214	0.200	--	1.05	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: 667 KENT AVE

Lab Number: L2430348

Project Number: 0211142

Report Date: 06/10/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/24 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1931801-4								
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: 667 KENT AVE

Lab Number: L2430348

Project Number: 0211142

Report Date: 06/10/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/24 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1931801-4								
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: 667 KENT AVE

Lab Number: L2430348

Project Number: 0211142

Report Date: 06/10/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/09/24 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1931801-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430348

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1931801-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	93		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	105		-		70-130	-		
Bromomethane	105		-		70-130	-		
Chloroethane	110		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	99		-		70-130	-		
Acetone	101		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	80		-		40-160	-		
1,1-Dichloroethene	117		-		70-130	-		
Tertiary butyl Alcohol	107		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	116		-		70-130	-		
Carbon disulfide	93		-		70-130	-		
Freon-113	104		-		70-130	-		
trans-1,2-Dichloroethene	110		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
2-Butanone	103		-		70-130	-		
cis-1,2-Dichloroethene	115		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430348

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1931801-3								
Ethyl Acetate	119		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	103		-		70-130	-		
1,2-Dichloroethane	104		-		70-130	-		
n-Hexane	112		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	110		-		70-130	-		
Bromodichloromethane	102		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	117		-		70-130	-		
Heptane	103		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	101		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 667 KENT AVE

Project Number: 0211142

Lab Number: L2430348

Report Date: 06/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1931801-3								
Tetrachloroethene	92		-		70-130	-		
Chlorobenzene	95		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	113		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	97		-		70-130	-		
1,2,4-Trichlorobenzene	89		-		70-130	-		
Naphthalene	98		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		

Project Name: 667 KENT AVE

Project Number: 0211142

Serial_No:06102416:20
Lab Number: L2430348

Report Date: 06/10/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2430348-01	SV-01	02106	Flow 2	05/30/24	470173		-	-	-	Pass	18.0	18.7	4
L2430348-01	SV-01	2231	2.7L Can	05/30/24	470173	L2427976-03	Pass	-28.6	-4.7	-	-	-	-
L2430348-02	SV-02	01556	Flow 3	05/30/24	470173		-	-	-	Pass	18.0	18.9	5
L2430348-02	SV-02	3004	2.7L Can	05/30/24	470173	L2427976-03	Pass	-29.4	-3.8	-	-	-	-
L2430348-03	SV-03	0973	Flow 3	05/30/24	470173		-	-	-	Pass	17.9	18.7	4
L2430348-03	SV-03	2299	2.7L Can	05/30/24	470173	L2427976-03	Pass	-29.4	-4.2	-	-	-	-

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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/22/24 03:00
 Analyst: JFI

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

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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
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: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

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

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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	106		60-140



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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/22/24 03:00
 Analyst: JFI

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



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

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-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-Trimethylbenzene	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
Project Number: CANISTER QC BAT

Lab Number: L2427976
Report Date: 06/10/24

Air Canister Certification Results

Lab ID: L2427976-03
 Client ID: CAN 555 SHELF 2
 Sample Location:

Date Collected: 05/21/24 11:00
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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	108		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	106		60-140

Project Name: 667 KENT AVE**Lab Number:** L2430348**Project Number:** 0211142**Report Date:** 06/10/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

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

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430348-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2430348-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2430348-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 667 KENT AVE
Project Number: 0211142

Lab Number: L2430348
Report Date: 06/10/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

AIR ANALYSIS

PAGE 1 OF 1



CHAIN OF CUSTODY

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

Client Information

Client: H&A of NY
 Address: 213 W 35th Street Floor 7

Phone:
 Fax: pdinardo@huleyaldniz.com
 Email: escheuerman@huleyaldniz.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

Project Information

Project Name: 667 Kent Ave
 Project Location: Brooklyn, NY
 Project #: 0211142
 Project Manager: Elizabeth Scheuerman
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Date Rec'd in Lab: 6/11/24

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)

ALPHA Job #: L2430348

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH <small>Subtract Non-petroleum HC's</small>	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
<u>30348-01</u>	<u>SV-01</u>	<u>5/31/24</u>	<u>1200</u>	<u>1355</u>	<u>-29.58</u>	<u>-5.08</u>	<u>SV</u>	<u>SS</u>	<u>2.7</u>	<u>2231</u>	<u>02106</u>	<input checked="" type="checkbox"/>					
<u>02</u>	<u>SV-02</u>	<u>5/31/24</u>	<u>1215</u>	<u>1415</u>	<u>-30.8</u>	<u>-4.17</u>	<u>SV</u>	<u>SS</u>	<u>2.7</u>	<u>300401556</u>		<input checked="" type="checkbox"/>					
<u>03</u>	<u>SV-03</u>	<u>5/31/24</u>	<u>1155</u>	<u>1355</u>	<u>-30.2</u>	<u>-4.45</u>	<u>SV</u>	<u>SS</u>	<u>2.7</u>	<u>2299</u>	<u>02173</u>	<input checked="" type="checkbox"/>					

*SAMPLE MATRIX CODES

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

Container Type 1m⁴

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.

Rec'd [Signature]
6/11/24 0630

Relinquished By: [Signature]
M. S. MAGN...

Date/Time: 5/31/24
53124 110 NJS
(diler 0130)

Received By: [Signature]
M. S. MAGN...

Date/Time: 6/11/24 1605
6/11/24 1605

Rel: [Signature] 6/11/24 0130

Rel: [Signature] 6/11/24 0630