TENEN ENVIRONMENTAL

121 West 27th Street, Suite 702
New York, NY 10001
(646) 606-2332

May 1, 2024

Sunshine Construction
31 Spencer Street, Suite 502
Brooklyn, NY 11205

Attn: Mr. Yochanan Tennenhaus

Re: Limited Phase II Environmental Site Investigation
244-246 Gold Street – Brooklyn, NY 11201
Block 121, Lots 36 & 37 (the "Site")

Dear Yochanan,

On April 11 and 12, 2024, Tenen Environmental, LLC (Tenen) conducted soil vapor, soil and groundwater sampling at the above referenced property (herein referred to as "Site") on behalf of Sunshine Construction. This letter report provides a summary of the work conducted, a discussion of the sampling results and conclusions associated with the findings of the Limited Phase II Environmental Site Investigation (ESI).

Background

The Site, located at 244-246 Gold Street, Brooklyn, New York (Tax Block 121, Lots 36 and 37) is a rectangular-shaped parcel located on the west side of Gold Street, between Concord Street and Tillary Street, in the Downtown Brooklyn neighborhood, as shown on Figure 1. The Site has approximately 45 feet of frontage along Gold Street and a total area of approximately 3,970 square feet (SF). The Site is zoned R6B, denoting a built-up, medium-density residential district. The Site is currently vacant and unimproved with any structures. The majority of the Site is capped with asphalt. The Site was historically utilized for residential use.

A Phase I Environmental Site Assessment (ESA) dated March 2024 was conducted by Matrix New World Engineering, Land Surveying and Landscape Architecture, P.C. (Matrix) for the Site and two north-adjoining lots (Lots 33 and 35) and identified the following Recognized Environmental Conditions (RECs):

- Historic Fill (Site-Wide): The review of historic topographic maps identified a change in the configuration of contour lines between the years 1947 and 1956. It is apparent that the land, including adjoining and surrounding areas, was likely filled in between the years 1947 and 1956 during urban development. Historic fill in New York City is typically characterized by contaminated soil and groundwater including heavy metals, semivolatile organic compounds (SVOCs), pesticides, and polychlorinated biphenyls (PCBs). According to Remedial Investigation Reports for 236 and 242 Gold Street, historic fill is present at the Site up to 10 feet below ground surface, including but not limited to elevated levels of SVOCs and metals to at least six feet below ground surface.
- Adjoining, Upgradient, and Cross-Gradient Automotive Operations: Several historic automotive repair shops were identified adjoining, upgradient, and cross-gradient of the Site. These facilities were identified by the regulatory database review, historic Sanborn maps, and city directories. The potential exists for petroleum and/or hazardous chemicals used by and stored at these facilities to have been released and migrated to the Site.
- Adjoining, Upgradient, and Cross-Gradient Industrial Operations: Several historic industrial operations were identified adjoining, upgradient, and cross-gradient of the Site. These facilities were identified by the review of historic Sanborn maps and city directories. The potential exists for hazardous chemicals and substances used by and stored at these facilities to have been released and migrated to the Site.

Based on the conclusions of the Phase I ESA, Matrix recommended a Phase II ESI should be conducted in order to evaluate the RECs identified in the Phase I ESA. Soil vapor, soil and groundwater sampling was completed at the Site in April 2024 to further investigate the potential presence of impacts associated with the RECs listed above.

Hydrogeology

The Site is underlain by five feet of historic fill material across the Site consisting of brown silty sand with gravel, brick fragments, wood, ash, and plastic. The fill stratum in underlain by native sand with some clay and silt that is brown, fine- to coarse-grained, and extends to at least ten feet below grade (ft-bg). Groundwater was detected in temporary monitoring wells ranging from 21.45 ft-bg to 22.03 ft-bg and is assumed to flow north beneath the Site.

Sample Collection

The Limited Phase II investigation consisted of the collection of four soil samples from four soil borings, two groundwater samples from two temporary groundwater monitoring wells, and two soil vapor samples from two temporary soil vapor points.

A map depicting the Limited Phase II sample locations is included as Figure 3. Below is a summary of the sampling methodology for each media collected.

Soil Vapor

On April 11, 2024, Coastal Environmental Solutions, Inc. (Coastal) installed two soil vapor points (246G_SV-1 and 244G_SV-2) across the Site to a depth of four ft-bg, as detailed below. Tenen collected soil vapor samples 246G_SV-1 and 244G_SV-2 on April 12, 2024. Sample locations are shown on Figure 3. A table detailing the soil vapor sampling locations and sample designations is included below.

Soil Vapor Sample Designations – April 2024

Sample Name	Sample Type	Sample Location
246G_SV-1	Exterior Soil Vapor	246 Gold Street (Lot 37)
246G_SV-2	Exterior Soil Vapor	244 Gold Street (Lot 36)

At each soil vapor sampling location, a ½-inch diameter, 6-inch long perforated soil vapor sampling probe (AMS gas vapor probe tip) was installed to approximately four ft-bg. Each temporary soil vapor sampling probe was installed by Coastal utilizing a direct push track-mounted Geoprobe®.

The soil vapor sampling probe was connected to dedicated tubing that was extended to grade. In accordance with the New York State Department of Health (NYSDOH) October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Soil Vapor Guidance) with May 2017 update protocols, a tracer gas (helium) was used to verify the integrity of the soil vapor probe. A plastic chamber was sealed above the borehole. The sampling tube was pushed through the top of the sealed chamber. The atmosphere inside the chamber was enriched with the tracer gas. A portable helium monitor was attached to the sampling tube to measure a vapor sample from the probe for the presence of high concentrations (>10%) of the tracer gas.

Soil vapor was purged from the boring hole by attaching the surface end of the tubing to an air valve and then to a vacuum pump. The vacuum pump removed one to three volumes of air (volume of the sample probe and tube) prior to sample collection. The flow rate for both purging and sample collection did not exceed 0.2 liters per minute.

The soil vapor sample was first screened for organic vapors using a photo-ionization detector (PID). Pre-sample PID readings from the soil vapor points were 0.6 parts-per-million (ppm) in 246G_SV-1. Pre-sample PID readings

from 244G_SV-2 were non-detect. Soil vapor samples were collected in 6-liter Summa canisters using two-hour regulators and analyzed for volatile organic compounds (VOCs) using EPA Method TO-15.

Field notes were maintained summarizing sample identification, date and time of sample collection, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after samples were collected and chain of custody protocols. A soil vapor sampling log is provided as Attachment 1.

Soil

On April 11, 2024, four soil borings (246G_SB-1, 244G_SB-2, 244G_SB-3, and 246G_SB-4) were advanced onsite to a depth of ten ft-bg. Soil borings 246G_SB-1 and 244G_SB-2 were converted to temporary groundwater monitoring wells 246G_TW-1 and 244G_TW-2, respectively. One soil sample was collected from each boring from the area of highest suspected contamination based on PID readings and field observations. If no contamination was observed, soil samples were collected from various two-foot intervals to characterize soil from the historic fill and native soil layers. Boring locations are shown on Figure 3. A table detailing the soil sampling locations and sample designations is included below.

Soil Sample Borings, Sample Designations and Descriptions of Location

Sample Name	Depth Below Site Grade (ft-bg)	Location
246G_SB-1 (1-3)	1-3	Western portion of 246 Gold Street (Lot 37)
244G_SB-2 (3-5)	3-5	Eastern portion of 244 Gold Street (Lot 36)
244G_SB-3 (0-2)	0-2	Western portion of 244 Gold Street (Lot 36)
246G_SB-4 (5-7)	5-7	Eastern portion of 246 Gold Street (Lot 37)

All soil borings were advanced by Coastal utilizing a direct push track-mounted Geoprobe®. The soil from all borings was screened with a PID from grade to termination depth. Soil column PID readings were non-detect from grade to the terminal depth of each boring (ten ft-bg). All soil samples were collected using dedicated acetate liners from five-foot macrocores.

Grossly contaminated soil was not noted in any soil borings. Following the completion of the soil sampling, boreholes were backfilled with clean soil cuttings/clean sand. Borings 246G_SB-1 and 244G_SB-2 were converted to temporary monitoring wells, as detailed in the following section. Boring logs are included as Attachment 2.

Soil samples were containerized in accordance with EPA analytical protocols. Each sample was labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. A record of each sample, including notation of any odors, color, and sample matrix, was kept in the sampler's field log book. A chain of custody was maintained throughout the field sampling, transport of samples to the laboratory and lab analysis. All soil samples were analyzed for Total Compound List (TCL) VOCs via EPA Method 8260, TCL SVOCs via EPA Method 8270, target analyte list (TAL) metals via EPA Method 6010 and 7471, pesticides via EPA Method 8081B, and polychlorinated biphenyls (PCBs) by EPA Method 8082A. One soil sample collected from 244G_SB-2 was also analyzed for toxicity characteristic leaching procedure (TCLP) barium and lead.

Groundwater

Two one-inch diameter, temporary groundwater monitoring wells, 246G_TW-1 and 244G_TW-2, were installed at 246G_SB-1 and 244G_SB-2, respectively, on April 11, 2024 using a track-mounted direct-push Geoprobe®. Both monitoring wells were installed to a depth of 30 ft-bg and constructed with a 10-foot PVC screen that

straddles the water table, followed by solid PVC screen to grade. Well construction logs are presented in Appendix 2.

Monitoring Well Locations, Sample Designations, and Descriptions of Location

Well Location	Sample Name	Description of Location
246G_TW-1	246G_TW-1	Western portion of 246 Gold Street (Lot 37)
244G_TW-2	244G_TW-2	Eastern portion of 244 Gold Street (Lot 36)

Both monitoring wells were developed and sampled on April 12, 2024. Groundwater was measured at depths of approximately 22.03 ft-bg in 246G_TW-1 and 21.45 ft-bg in 244G_TW-2. A PID was used to measure head-space readings in the wells prior to sampling. PID readings were non-detect in both temporary monitoring wells. Field instrumentation was employed to measure water temperature, pH, turbidity, and dissolved oxygen in the sampled wells in order to stabilize parameters before sample collection. Sampling was completed using a low-flow peristaltic pump. No visual or olfactory evidence of petroleum impacts was observed in the purged groundwater.

Groundwater samples were containerized in accordance with EPA analytical protocols. Each sample was labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. A record of each sample, including notation of any odors, color, and sample matrix, was kept in the sampler's field log book. A chain of custody was maintained throughout the field sampling, transport of samples to the laboratory and lab analysis. Both groundwater samples were analyzed for TCL VOCs via EPA Method 8260, TCL SVOCs via EPA Method 8270, TAL metals (total and dissolved) via EPA Method 6010 and 7471, pesticides via EPA Method 8081B, and PCBs by EPA Method 8082A. A trip blank was submitted along with the groundwater samples for VOC analysis to the analytical laboratory as a quality assurance/quality control (QA/QC) measure.

Monitoring well location are shown on Figure 3. Groundwater purge logs are included as Attachment 3.

Sample Analysis

The soil and groundwater samples were sent under chain-of-custody documentation to Alpha Analytical, Inc. (Alpha) and the soil vapor samples were sent under chain-of-custody documentation to Phoenix Environmental Laboratories, Inc. (Phoenix). Alpha is certified by the NYSDOH Environmental Laboratory Approval Program (ELAP) as LABID 11148 and Phoenix is certified by the NYSDOH ELAP as LABID 11301.

Analytical Results

Soil Vapor

Soil vapor results are included in Table 1 and Figure 4. Laboratory deliverables are included in Attachment 4. The analytical results are summarized below.

VOCs

One or more chlorinated VOCs (cVOCs) were detected in both soil vapor samples collected, specifically tetrachloroethene (PCE), trichloroethene (TCE), and carbon tetrachloride. PCE was detected in two soil vapor samples [max. concentration of 16.2 micrograms per cubic meter (ug/m3) in 244G_SV-2; TCE was detected in one soil vapor sample [concentration of 0.53 ug/m3 in 246G_SV-1]; and, carbon tetrachloride was detected in one soil vapor sample [concentration of 0.27 ug/m3 in 246G_SV-1]. No other cVOCs were detected in any soil vapor samples.

Multiple petroleum-related VOCs were detected in one or more soil vapor samples, with the highest concentrations generally occurring in 246G_SV01, collected from Lot 37. Benzene, toluene, ethylbenzene, p/m-

xylene, o-xylene, propylene, hexane, heptane, 4-isopropyltoluene, 4-ethyltoluene, and 1,2,4-trimethylbenzene were detected in both soil vapor samples, and 1,3-butadiene was detected in one soil vapor sample. Benzene was detected at a max. concentration of 2.26 ug/m3 in 246G_SV-1; toluene was detected at a max. concentration of 47.1 ug/m3 in 246G_SV-1; ethylbenzene was detected at a max. concentration of 3.15 ug/m3 in 246G_SV-1; p/m-xylene was detected at a max. concentration of 9.24 ug/m3 in 246G_SV-1; o-xylene was detected at a max. concentration of 3.5 ug/m3 in 246G_SV-1; propylene was detected at a max. concentration of 72.8 ug/m3 in 244G_SV-2; hexane was detected at a max. concentration of 9.55 ug/m3 in 246G_SV-1; hexane was detected at a max. concentration of 9.55 ug/m3 in 246G_SV-1; heptane was detected at a max. concentration of 5.28 ug/m3 in 246G_SV-1; 4-isopropyltoluene was detected at a max. concentration of 1.32 ug/m3 in 244G_SV-2; 4-ethyltoluene was detected at a max. concentration of 2.14 ug/m3 in 246G_SV-1; 1,2,4-trimethylbenzene was detected at a max. concentration of 1.6 ug/m3 in 246G_SV-1; and, 1,3-butadiene was detected at a concentration of 8.64 ug/m3 in 244G_SV-2. No other petroleum-related VOCs were detected in any soil vapor samples.

Soil

All soil sample results were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted-Residential Use SCOs as listed in 6 NYCRR Part 375-6.8(a) and 6 NYCRR Part 375-6.8(b), respectively, and the October 21, 2010 NYSDEC DEC Policy CP-51. The Unrestricted Use SCOs are used as a screening value; the Restricted-Residential Use SCOs are consistent with the assumed future use of the Site. Soil sample results are included in Tables 2a through 2d and in Figure 5. Laboratory deliverables are included in Attachment 4. The analytical results are summarized below.

VOCs

VOCs were not detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in any soil samples.

SVOCs

A variety of SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were detected in exceedance of Unrestricted Use and/or Restricted-Residential Use SCOs in three of four soil samples. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were each detected in three samples exceeding Unrestricted Use SCOs; and, benzo(k)fluoranthene, chrysene, and dibenzo(a,h)anthracene were each detected in two samples exceeding Unrestricted Use SCOs. Benzo(a)anthracene was detected at a max. concentration of 2.5 mg/kg in 244G_SB-3 (0-2) with an Unrestricted Use SCO of 1 mg/kg; benzo(a)pyrene was detected at a max. concentration of 2.5 mg/kg in 244G_SB-3 (0-2) with an Unrestricted Use SCO of 1 mg/kg; Benzo(b)fluoranthene was detected at a max. concentration of 3.4 mg/kg in 244G_SB-3 (0-2) with an Unrestricted Use SCO of 1 mg/kg; indeno(1,2,3-cd)pyrene was detected at a max. concentration of 1.6 mg/kg in 244G_SB-3 (0-2) and 244G_SB-2 (3-5) with an Unrestricted Use SCO of 0.5 mg/kg; benzo(k)fluoranthene was detected at a max. concentration of 1 mg/kg in 244G_SB-3 (0-2) and 244G_SB-2 (3-5) with an Unrestricted Use SCO of 0.8 mg/kg; chrysene was detected at a max. concentration of 2.6 mg/kg in 244G_SB-3 (0-2) with an Unrestricted Use SCO of 1 mg/kg; and, dibenzo(a,h)anthracene was detected at a max. concentration of 0.39 mg/kg in 244G_SB-3 (0-2) with an Unrestricted Use SCO of 0.33 mg/kg. Of the above, the Restricted-Residential Use SCOs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene are the same as the Unrestricted Use SCOs for these analytes, therefore, these analytes also exceeded their respective Restricted-Residential Use SCOs. No other SVOCs were detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in any soil samples. SVOCs were not detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in soil sample 246G_SB-4 (5-7). PAHs are a characteristic of historic fill material found throughout New York City, the presence of which has been documented on the Site.

Metals

Various metals, specifically arsenic, barium, copper, lead, mercury, and zinc, were detected in one or more soil samples exceeding Unrestricted Use SCOs. Of these, barium, lead, and mercury were also detected in one soil

sample in exceedance of Restricted-Residential Use SCOs. Arsenic was detected in one soil sample in exceedance of its Unrestricted Use SCO of 13 mg/kg [concentration of 14.8 mg/kg in 244G_SB-3 (0-2); barium was detected in one soil sample in exceedance of its Unrestricted Use SCO of 350 mg/kg and Restricted-Residential Use SCO of 400 mg/kg [concentration of 481 mg/kg in 244G_SB-3 (0-2)]; copper was detected in two soil samples in exceedance of its Unrestricted Use SCO of 50 mg/kg [max. 131 mg/kg in 244G_SB-3 (0-2)]; lead was detected in three soil samples in exceedance of its Unrestricted Use SCO of 63 mg/kg and one soil sample in exceedance of its Restricted-Residential Use SCO of 400 mg/kg [max. 1,340 mg/kg in 244G_SB-3 (0-2)]; mercury was detected in two soil samples in exceedance of its Unrestricted Use SCO of 0.18 mg/kg and one soil sample in exceedance of its Restricted-Residential Use SCO of 0.81 mg/kg [max. 1.99 mg/kg in 244G_SB-3 (0-2)]; and, zinc was detected in three soil samples in exceedance of its Unrestricted Use SCO of 109 mg/kg [max. 692 mg/kg in 244G_SB-3 (0-2)]. Metals were not detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in soil sample 246G_SB-4 (5-7). No other metals were detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in any soil samples.

Based on the results of the metals analysis, soil sample 244G_SB-3 (0-2) was also analyzed for TCLP barium and lead. TCLP barium was detected at a concentration of 0.892 milligrams per liter (mg/l) and TCLP lead was detected at a concentration of 5.68 mg/l. TCLP lead was detected at a concentration exceeding the United States Environmental Protection Agency (US EPA) Allowable Limit of 5 mg/L, indicating the material is hazardous for lead. TCLP barium was not detected in exceedance of its US EPA Allowable Limit of 100 mg/l.

Pesticides
One or more pesticides were detected in exceedance of Unrestricted Use SCOs, but below Restricted-Residential Use SCOs, in all four soil samples. 4,4'-DDT was detected in all four soil samples exceeding the Unrestricted Use SCO of 0.0033 mg/kg [max. 0.0122 mg/kg in 244G_SB-3 (0-2)]; 4,4'-DDE was detected in three soil samples exceeding the Unrestricted Use SCO of 0.0033 mg/kg [max. 0.0312 mg/kg in 244G_SB-3 (0-2)]; 4,4'-DDD was detected in two soil samples exceeding the Unrestricted Use SCO of 0.0033 mg/kg [max. 0.174 mg/kg in 244G_SB-3 (0-2)]; and, dieldrin was detected in one soil sample, 244G_SB-3 (0-2), at a concentration of 0.00593 mg/kg, exceeding the Unrestricted Use SCO of 0.005 mg/kg. No other pesticides were detected in exceedance of Unrestricted Use SCOs in any soil samples. Pesticides were not detected in exceedance of Restricted-Residential Use SCOs in any soil samples.

PCBs
Total PCBs were detected slightly in exceedance of the Unrestricted Use SCO, but below the Restricted-Residential Use SCO, in one soil sample, 244G_SB-3 (0-2). Total PCBs were detected at a concentration of 0.153 mg/kg with an Unrestricted Use SCO of 0.1 mg/kg. No other PCBs were detected in exceedance of Unrestricted Use SCOs in any soil samples. PCBs were not detected in exceedance of Restricted-Residential Use SCOs in any soil samples.

Groundwater
The groundwater results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Water Quality Standards and Guidance Values (Class GA Standards).

Groundwater sample results are included in Tables 3a through 3d and Figure 6. Laboratory deliverables are included in Attachment 4. The analytical results are summarized below.

VOCs
VOCs were not detected in exceedance of Class GA Standards in any groundwater samples.

SVOCs
SVOCs were not detected in exceedance of Class GA Standards in any groundwater samples.

Metals
Selenium was detected in one total groundwater sample collected from 244G_TW-2 at a concentration of 12.4 micrograms per liter (ug/l), slightly in exceedance of the Class GA Standard of 10 ug/l. Selenium was also detected in the dissolved groundwater sample collected from 244G_TW-2 at a concentration of 11.2 ug/l, slightly in exceedance of the Class GA Standard of 10 ug/l.

A variety of naturally-occurring earth metals, including iron, magnesium, manganese, and sodium, were detected in one or more total groundwater samples. Iron, manganese, and sodium were each detected in exceedance of Class GA Standards in two samples, and magnesium was detected in exceedance of its Class GA Standard in one sample. Total iron was detected at a max. concentration of 9,320 ug/l with a Class GA Standard of 300 ug/l; total magnesium was detected at a concentration of 36,400 ug/l with a Class GA Standard of 35,000 ug/l; total manganese was detected at a max. concentration of 778.6 ug/l with a Class GA Standard of 300 ug/l; and, total sodium was detected at a max. concentration of 121,000 ug/l with a Class GA Standard of 20,000 ug/l. The highest concentrations of all earth metals in total groundwater samples were detected in 244G_TW-2. Of the above earth metals, magnesium, manganese, and sodium were also detected in exceedance of Class GA Standards in one or more dissolved groundwater samples. Manganese and sodium were each detected in exceedance of Class GA Standards in two samples, and magnesium was detected in exceedance of its Class GA Standard in one sample. Dissolved magnesium was detected at a concentration of 35,800 ug/l with a Class GA Standard of 35,000 ug/l; dissolved manganese was detected at a max. concentration of 638.4 ug/l with a Class GA Standard of 300 ug/l; and, dissolved sodium was detected at a max. concentration of 133,000 ug/l with a Class GA Standard of 20,000 ug/l. The highest concentrations of all earth metals in dissolved groundwater samples were detected in 244G_TW-2.

No other metals were detected in exceedance of Class GA Standards in any groundwater samples.

Pesticides
Pesticides were not detected in exceedance of Class GA Standards in any groundwater samples.

PCBs
PCBs were not detected in exceedance of Class GA Standards in any groundwater samples.

Findings and Conclusions

Soil Vapor:

- Three cVOCs, PCE, TCE, and carbon tetrachloride, were detected in one or more soil vapor samples at low concentrations.
- A variety of petroleum-related VOCs were detected in both soil vapor samples, with the highest concentrations generally occurring in 246G_SV-1, located on Lot 37.

Soil:

- VOCs were not detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in any soil samples.
- SVOCs, specifically PAHs, were detected in exceedance of Unrestricted Use and/or Restricted-Residential Use SCOs in three of four soil samples. SVOCs were not detected in exceedance of Unrestricted or Restricted-Residential Use SCOs in soil sample 246G_SB-4 (5-7).
- A variety of metals, specifically arsenic, barium, copper, lead, mercury, and zinc, were detected in exceedance of Unrestricted Use SCOs in one or more soil samples. Of these, barium, lead, and mercury were also detected in exceedance of Restricted-Residential Use SCOs in one soil sample, 244G_SB-3 (0-2). This sample was also analyzed for TCLP barium and lead, of which the concentration of lead was detected in exceedance of the EPA Allowable Limit, indicating the material is hazardous for lead.

- The pesticides 4,4'-DDT, 4,4'-DDE, 4,4'-DDT, and dieldrin were detected in one or more soil samples in exceedance of Unrestricted Use SCOs, but below Restricted-Residential Use SCOs. The highest concentrations of all pesticides were detected in 244G_SB-3 (0-2).
- Total PCBs were detected in exceedance of the Unrestricted Use SCO, but below the Restricted-Residential Use SCO, in one soil sample, 244G_SB-3 (0-2).

Groundwater:

- VOCs, SVOCs, pesticides, and PCBs were not detected in exceedance of Class GA Standards in any groundwater samples.
- One metal, selenium, was detected slightly in exceedance of its Class GA Standard in total and dissolved groundwater samples from one monitoring well, 244G_TW-2.
- A variety of naturally-occurring earth metals were detected in exceedance of Class GA Standards in total and dissolved groundwater samples from both monitoring wells.

The concentrations of SVOCs, metals pesticides, and PCBs detected in soil are likely attributable to the quality of historic fill material documented onsite. TCLP lead was detected at hazardous concentrations in one soil sample collected from Lot 36. The material should be characterized for disposal purposes in accordance with all local, State, and Federal laws and regulations. Please contact us if you need any additional information.

Sincerely,
Tenen Environmental, LLC

mohamed ahmed

Mohamed Ahmed, Ph.D., P.G., CPG
Principal / Senior Geologist

Figure 1	Site Location Map
Figure 2	Site Layout
Figure 3	Limited Phase II ESI Sample Locations
Figure 4	Soil Vapor Analytical Results
Figure 5	Soil Analytical Results
Figure 6	Groundwater Analytical Results

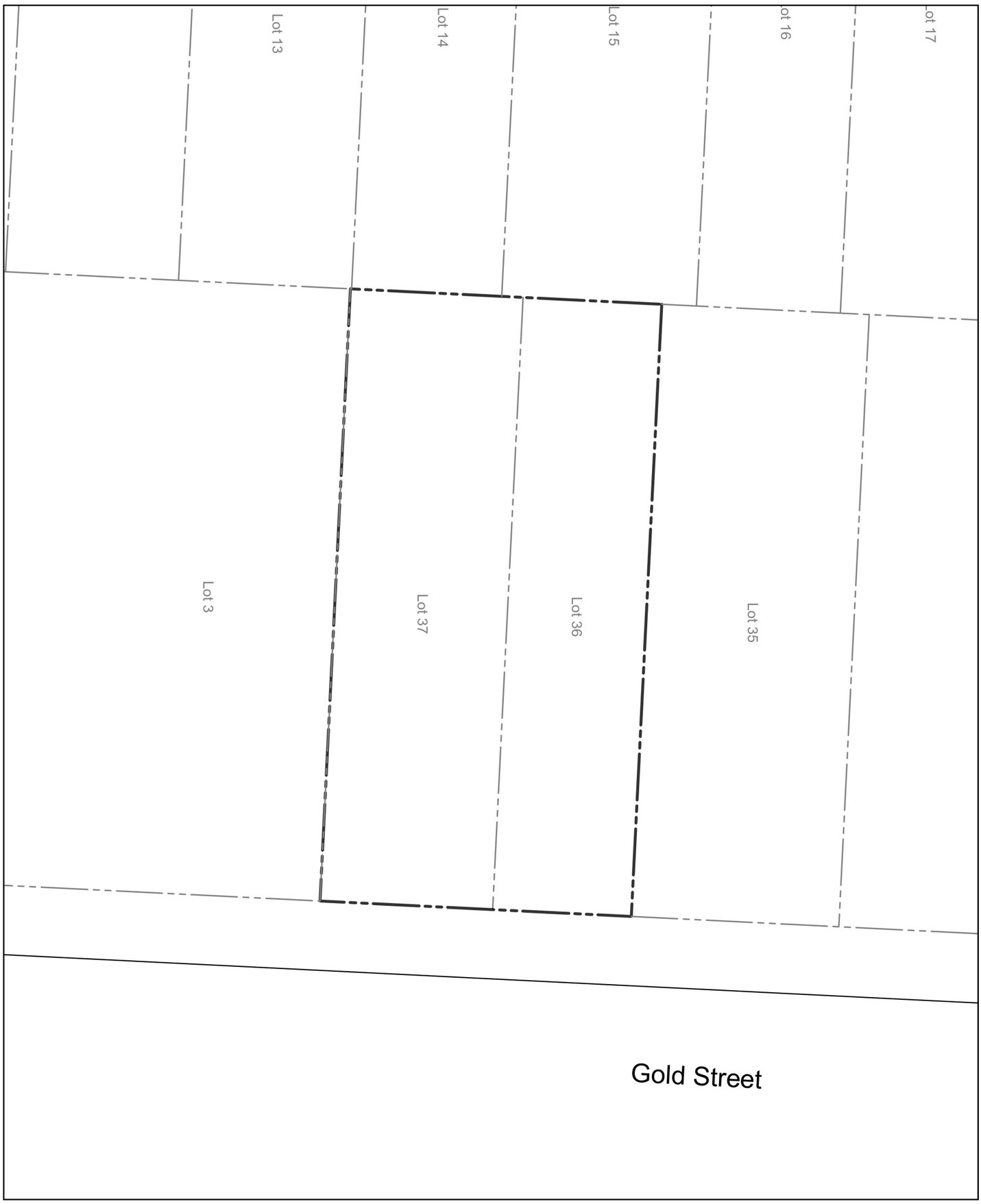
Table 1	Volatile Organic Compounds in Soil Vapor
Table 2a	Volatile Organic Compounds in Soil
Table 2b	Semivolatile Organic Compounds in Soil
Table 2c	Metals in Soil
Table 2d	Pesticides and Polychlorinated Biphenyls in Soil
Table 3a	Volatile Organic Compounds in Groundwater
Table 3b	Semivolatile Organic Compounds in Groundwater
Table 3c	Metals in Groundwater
Table 3d	Pesticides and Polychlorinated Biphenyls in Groundwater

Attachment 1	Soil Vapor Sampling Logs
Attachment 2	Soil Boring and Monitoring Well Construction Logs
Attachment 3	Groundwater Purge and Sampling Logs
Attachment 4	Laboratory Deliverables

Figures

Drawing No. **Figure 1**	Drawn By LM	TENEN ENVIRONMENTAL Tenen Environmental, LLC 121 West 27th Street, Suite 702 New York, NY 10001 O: (646) 606-2332; F: (646) 606-2379	**244-246 Gold Street** **Brooklyn, New York** **Block 121** **Lots 36 & 37**
	Checked By VC		
Drawing Title **Site Location Map**	Date May 2024		
	Scale As Noted		

Reference:
NYC Department of Finance Property Information Portal



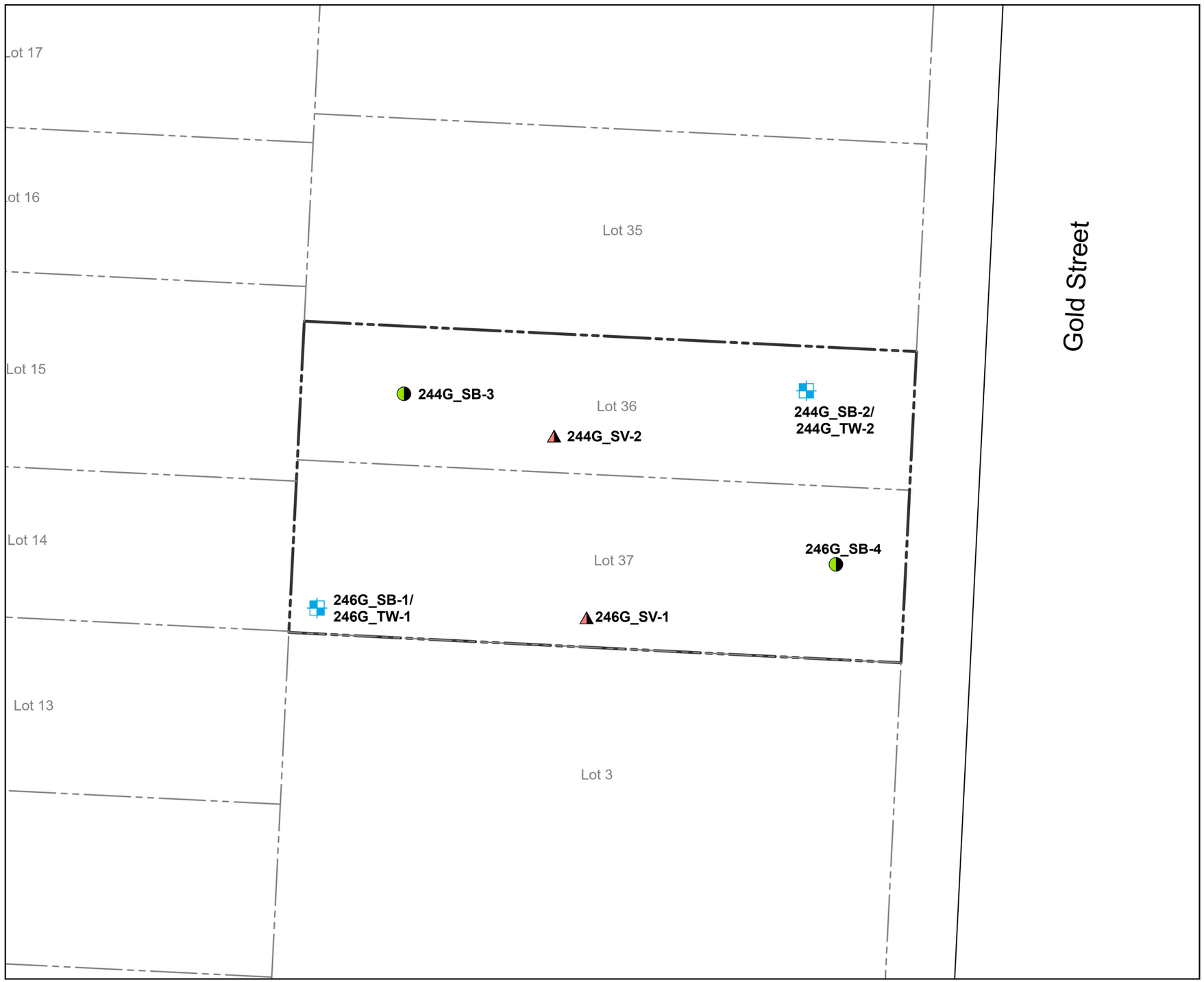
Legend

Site Boundary

NYC Tax Lots

0 15 30 Feet

Drawing Title: Site Layout	Drawn By: LM	TENEN ENVIRONMENTAL Tenen Environmental, LLC 121 West 27th Street, Suite 702 New York, NY 10001 O: (646) 606-2332; F: (646) 606-2379	244-246 Gold Street Brooklyn, New York Block 121, Lots 36 & 37
	Checked By: VC		
Drawing No.: Figure 2	Date: May 2024		
	Scale: As Noted		



Reference:
NYC Department of Finance Property Information Portal

Legend

- Soil Sample Location (2024 Tenen Limited Phase II ESI)
- Soil & Groudnwater Sample Location (2024 Tenen Limited Phase II ESI)
- Soil Vapor Sample Location (2024 Tenen Limited Phase II ESI)
- NYC Tax Lots
- Site Boundary

0 15 30 Feet

244-246 Gold Street
Brooklyn, New York
Block 121, Lots 36 & 37

TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street, Suite 702
New York, NY 10001
O: (646) 606-2332; F: (646) 606-2379

Drawn By	Checked By	Date	Scale
LM	VC	May 2024	As Noted

Drawing Title: Sample Location Map

Drawing No.: Figure 3

Sample ID:	244G_SV-2
Date:	4/12/2024
Sampling Depth:	4 ft-bg
VOCs	µg/m^3
Tetrachloroethene	16.2
Trichloroethene	ND
Carbon tetrachloride	ND
Benzene	1.88
Toluene	32.6
Ethylbenzene	2.52
p/m-Xylene	7.29
o-Xylene	3
Propylene	72.8
Hexane	6.9
Heptane	3.64
4-Isopropyltoluene	1.32
4-Ethyltoluene	1.73
1,2,4-trimethylbenzene	1.26
1,3-Butadiene	8.64

Sample ID:	246G_SV-1
Date:	4/12/2024
Sampling Depth:	4 ft-bg
VOCs	µg/m^3
Tetrachloroethene	8.61
Trichloroethene	0.53
Carbon tetrachloride	0.27
Benzene	2.26
Toluene	47.1
Ethylbenzene	3.15
p/m-Xylene	9.24
o-Xylene	3.5
Propylene	18.1
Hexane	9.55
Heptane	5.28
4-Isopropyltoluene	1.11
4-Ethyltoluene	2.14
1,2,4-trimethylbenzene	1.6
1,3-Butadiene	ND

Lot 17
Lot 16
Lot 15
Lot 14
Lot 13
Lot 35
Lot 36
Lot 37
Lot 3
Gold Street
244G_SV-2
246G_SV-1

Notes:
1. ND = Not Detected
2. µg/m3 = micrograms per cubic meter

Legend

- Soil Vapor Sample Location (2024 Tenen Limited Phase II ESI)
- NYC Tax Lots
- Site Boundary

0 15 30 Feet

Reference:
NYC Department of Finance Property Information Portal

244-246 Gold Street
Brooklyn, New York
Block 121, Lots 36 & 37

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street, Suite 702
New York, NY 10001
O: (646) 606-2332; F: (646) 606-2379

Drawn By: LM
Checked By: AP
Date: May 2024
Scale: As Noted

Drawing Title: Concentrations in Soil Vapor

Drawing No.: Figure 4

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-3 (0-2) (244G_SB-3)	
LAB ID:			L2419890-03	
COLLECTION DATE:			4/11/2024	
Semivolatile Organic Compounds Units: mg/kg			Conc	Q
Benzo(a)anthracene	1	1	**2.5**	
Benzo(a)pyrene	1	1	**2.5**	
Benzo(b)fluoranthene	1	1	**3.4**	
Benzo(k)fluoranthene	3.9	0.8	1	
Chrysene	3.9	1	2.6	
Dibenzo(a,h)anthracene	0.33	0.33	**0.39**	
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.6**	
Pesticides				
Dieldrin	0.2	0.005	0.00593	
4,4'-DDE	8.9	0.0033	0.0312	
4,4'-DDD	13	0.0033	0.174	
4,4'-DDT	7.9	0.0033	0.0122	IP
Polychlorinated Biphenyls				
PCBs, Total	1	0.1	0.153	J
Total Metals				
Arsenic, Total	16	13	14.8	
Barium, Total	400	350	**481**	
Copper, Total	270	50	131	
Lead, Total	400	63	**1340**	
Mercury, Total	0.81	0.18	**1.99**	
Zinc, Total	10000	109	692	

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-2 (3-5) (244G_SB-2)	
LAB ID:			L2419890-02	
COLLECTION DATE:			4/11/2024	
Semivolatile Organic Compounds Units: mg/kg			Conc	Q
Benzo(a)anthracene	1	1	**2.3**	
Benzo(a)pyrene	1	1	**2.4**	
Benzo(b)fluoranthene	1	1	**3.1**	
Benzo(k)fluoranthene	3.9	0.8	1	
Chrysene	3.9	1	2.2	
Dibenzo(a,h)anthracene	0.33	0.33	**0.34**	
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.6**	
Pesticides				
4,4'-DDE	8.9	0.0033	0.00357	
4,4'-DDD	13	0.0033	0.00459	
4,4'-DDT	7.9	0.0033	0.00489	
Total Metals				
Lead, Total	400	63	260	
Zinc, Total	10000	109	111	

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-1 (1-3) (246G_SB-1)	
LAB ID:			L2419890-01	
COLLECTION DATE:			4/11/2024	
Semivolatile Organic Compounds Units: mg/kg			Conc	Q
Benzo(a)anthracene	1	1	**1.1**	
Benzo(a)pyrene	1	1	**1.1**	
Benzo(b)fluoranthene	1	1	**1.3**	
Chrysene	3.9	1	1	
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.53**	
Pesticides				
4,4'-DDE	8.9	0.0033	0.00353	
4,4'-DDT	7.9	0.0033	0.00409	
Total Metals				
Copper, Total	270	50	56.4	
Lead, Total	400	63	287	
Mercury, Total	0.81	0.18	0.278	
Zinc, Total	10000	109	153	

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-4 (5-7) (244G_SB-4)	
LAB ID:			L2419890-04	
COLLECTION DATE:			4/11/2024	
Pesticides Units: mg/kg			Conc	Q
4,4'-DDT	7.9	0.0033	0.004	

Lot 35
Lot 36
Lot 37
Lot 14
Lot 13
Lot 3
Gold Street

244G_SB-3
244G_SB-2
246G_SB-4
246G_SB-1

Reference:
NYC Department of Finance Property Information Portal

Notes:
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Cells highlighted in yellow indicate an exceedance of the NY-UNRES
Cells shaded in red indicate an exceedance of the NY-RESRR
Cells bolded and highlighted in yellow and bolded indicated an exeedance of both the NY-UNRES and the NY-RESRR
Q = Laboratory Data Qualifier
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
I = The lower value of the two columns was reported due to obvious interference.
P = The RPD between the results for the two columns exceeds the method-specified criteria.
Results and MDL values are in milligrams per killogram

Legend

- Soil Sample Location (2024 Tenen Limited Phase II ESI)
- Soil & Groudnwater Sample Location (2024 Tenen Limited Phase II ESI)
- NYC Tax Lots
- Site Boundary

0 15 30 Feet

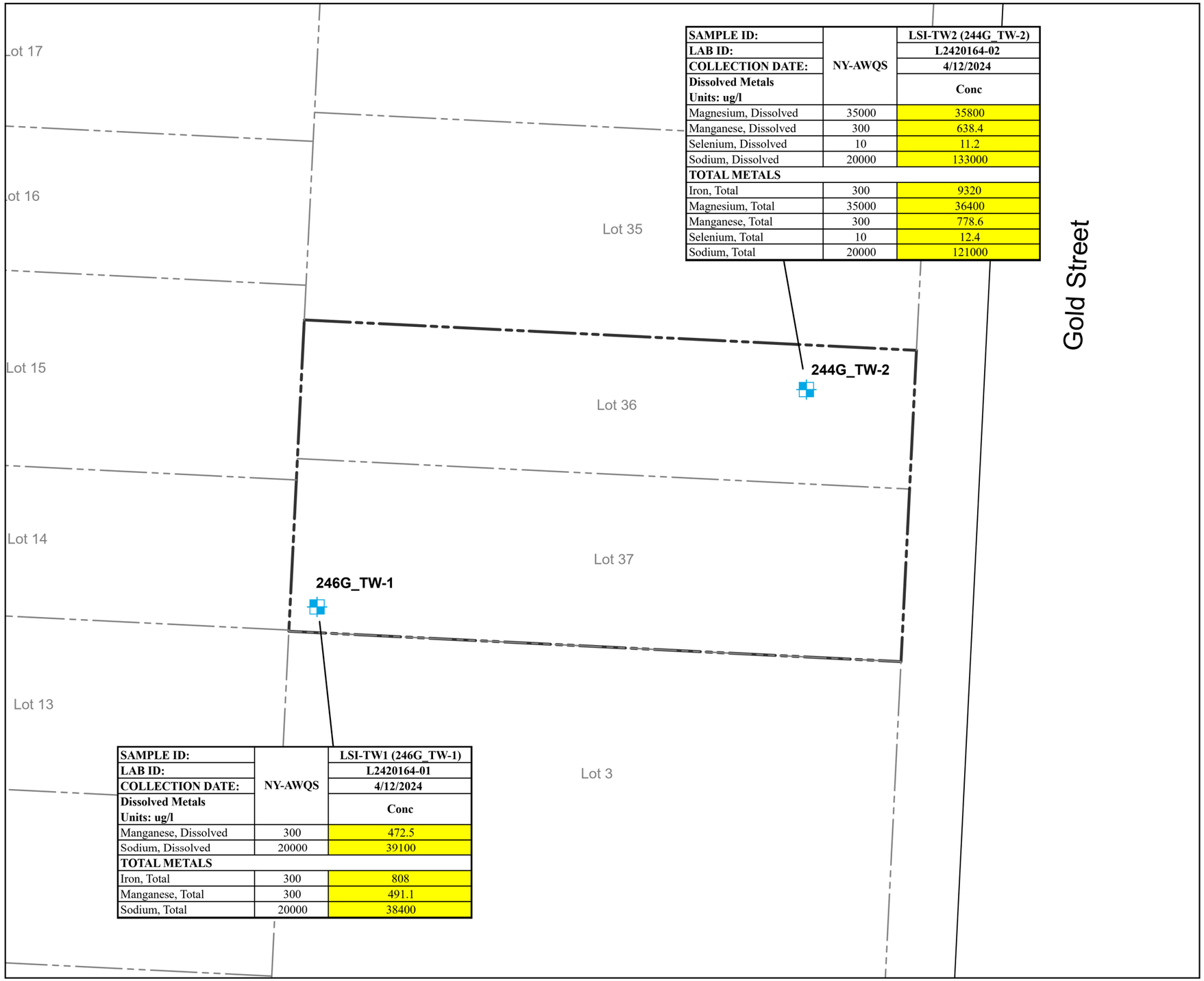
244-246 Gold Street
Brooklyn, New York
Block 121, Lots 36 & 37

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street, Suite 702
New York, NY 10001
O: (646) 606-2332; F: (646) 606-2379

Drawn By: LM
Checked By: CZ
Date: May 2024
Scale: As Noted

Drawing Title: Concentrations in Soil

Drawing No.: Figure 5



SAMPLE ID:	NY-AWQS	LSI-TW2 (244G_TW-2)
LAB ID:		L2420164-02
COLLECTION DATE:		4/12/2024
Dissolved Metals Units: ug/l		Conc
Magnesium, Dissolved	35000	35800
Manganese, Dissolved	300	638.4
Selenium, Dissolved	10	11.2
Sodium, Dissolved	20000	133000
TOTAL METALS		
Iron, Total	300	9320
Magnesium, Total	35000	36400
Manganese, Total	300	778.6
Selenium, Total	10	12.4
Sodium, Total	20000	121000

SAMPLE ID:	NY-AWQS	LSI-TW1 (246G_TW-1)
LAB ID:		L2420164-01
COLLECTION DATE:		4/12/2024
Dissolved Metals Units: ug/l		Conc
Manganese, Dissolved	300	472.5
Sodium, Dissolved	20000	39100
TOTAL METALS		
Iron, Total	300	808
Manganese, Total	300	491.1
Sodium, Total	20000	38400

Notes:

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Cells highlighted in yellow values indicate concentrations above the NY-AWQS

Results and MDL values are in micrograms per liter (µg/L)

Legend

- Soil & Groudnwater Sample Location (2024 Tenen Limited Phase II ESI)
- NYC Tax Lots
- Site Boundary

0 15 30 Feet

Reference:
NYC Department of Finance Property Information Portal

244-246 Gold Street
Brooklyn, New York
Block 121, Lots 36 & 37

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street, Suite 702
New York, NY 10001
O: (646) 606-2332; F: (646) 606-2379

Drawn By: LM
Checked By: CZ
Date: May 2024
Scale: As Noted

Drawing Title: Concentrations in Groundwater

Drawing No.: Figure 6

Tables

Table 1 - Volatile Organic Compounds in Soil Vapor
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	LSI-SV-1 (246G_SV-1)		LSI-SV-2 (246G_SV-2)	
LAB ID:	CQ50615		CQ50614	
COLLECTION DATE:	4/12/2024		4/12/2024	
Voltile Organic Compounds Units: ug/m^3	Conc	Q	Conc	Q
1,1,1,2-Tetrachloroethane	1.00	U	1.00	U
1,1,1-Trichloroethane	1.00	U	1.00	U
1,1,2,2-Tetrachloroethane	1.00	U	1.00	U
1,1,2-Trichloroethane	1.00	U	1.00	U
1,1-Dichloroethane	1.00	U	1.00	U
1,1-Dichloroethene	0.20	U	0.20	U
1,2,4-Trichlorobenzene	1.00	U	1.00	U
1,2,4-Trimethylbenzene	1.6		1.26	
1,2-Dibromoethane (EDB)	1.00	U	1.00	U
1,2-Dichlorobenzene	1.00	U	1.00	U
1,2-Dichloroethane	1.00	U	1.00	U
1,2-dichloropropane	1.00	U	1.00	U
1,2-Dichlorotetrafluoroethane	1.00	U	1.00	U
1,3,5-Trimethylbenzene	1.00	U	1.00	U
1,3-Butadiene	1.00	U	8.64	
1,3-Dichlorobenzene	1.00	U	1.00	U
1,4-Dichlorobenzene	1.00	U	1.00	U
1,4-Dioxane	1.00	U	1.00	U
2-Hexanone(MBK)	1.00	U	1.00	U
4-Ethyltoluene	2.14		1.73	
4-Isopropyltoluene	1.11		1.32	
4-Methyl-2-pentanone (MIBK)	1.01		1.00	U
Acetone	172		356	
Acrylonitrile	1.00	U	1.00	U
Benzene	2.26		1.88	
Benzyl chloride	1.00	U	1.00	U
Bromodichloromethane	1.00	U	1.00	U
Bromoform	1.00	U	1.00	U
Bromomethane	1.00	U	1.00	U
Carbon Disulfide	8.25		7.06	
Carbon Tetrachloride	0.27		0.20	U
Chlorobenzene	1.00	U	1.00	U
Chloroethane	1.00	U	1.00	U
Chloroform	1.00	U	1.00	U
Chloromethane	1.00	U	1.00	U
Cis-1,2-Dichloroethene	0.20	U	0.20	U
cis-1,3-Dichloropropene	1.00	U	1.00	U
Cyclohexane	1.00	U	1.00	U
Dibromochloromethane	1.00	U	1.00	U
Dichlorodifluoromethane	5.68		5.88	
Ethanol	58.4		18.7	
Ethyl acetate	1.00	U	1.00	U
Ethylbenzene	3.15		2.52	
Heptane	5.28		3.64	
Hexachlorobutadiene	1.00	U	1.00	U
Hexane	9.55		6.9	
Isooctane	3.04		2.65	
Isopropylalcohol	17.3		5.26	
Isopropylbenzene	1.00	U	1.00	U
m,p-Xylene	9.24		7.29	
Methyl Ethyl Ketone	5.78		3.92	
Methyl tert-butyl ether (MTBE)	1.00	U	1.00	U
Methylene Chloride	3.00	U	3.00	U
Naphthalene	1.05	U	1.05	U
n-Butylbenzene	1.00	U	1.00	U
o-Xylene	3.5		3	
Propylene	18.1		72.8	
sec-Butylbenzene	1.00	U	1.00	U
Styrene	1.00	U	1.00	U
Tetrachloroethene	8.61		16.2	
Tetrahydrofuran	4.36		2.73	
Toluene	47.1		32.6	
Trans-1,2-Dichloroethene	1.00	U	1.00	U
trans-1,3-Dichloropropene	1.00	U	1.00	U
Trichloroethene	0.53		0.20	U
Trichlorofluoromethane	13.2		7.75	
Trichlorotrifluoroethane	1.00	U	1.00	U
Vinyl Chloride	0.20	U	0.20	U

Notes:
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
Results and MDL values are in micrograms per cubic meter ($\mu g/m^3$)

Table 2a - Volatile Organic Compounds in Soil
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-1 (1-3) (246G_SB-1)		LSI-SB-2 (3-5) (244G_SB-2)		LSI-SB-3 (0-2) (244G_SB-3)		LSI-SB-4 (5-7) (246G_SB-4)	
LAB ID:			L2419890-01		L2419890-02		L2419890-03		L2419890-04	
COLLECTION DATE:			4/11/2024		4/11/2024		4/11/2024		4/11/2024	
Volatile Organic Compounds Units: mg/kg			Conc	Q	Conc	Q	Conc	Q	Conc	Q
Methylene chloride	100	0.05	0.0026	U	0.0023	U	0.0029	U	0.0028	U
1,1-Dichloroethane	26	0.27	0.00017	U	0.00015	U	0.00018	U	0.00018	U
Chloroform	49	0.37	0.00016	U	0.00014	U	0.00018	U	0.00017	U
Carbon tetrachloride	2.4	0.76	0.00026	U	0.00023	U	0.00029	U	0.00028	U
1,2-Dichloropropane	--	--	0.00014	U	0.00013	U	0.00016	U	0.00015	U
Dibromochloromethane	--	--	0.00016	U	0.00014	U	0.00018	U	0.00017	U
1,1,2-Trichloroethane	--	--	0.00031	U	0.00027	U	0.00034	U	0.00033	U
Tetrachloroethene	19	1.3	0.00023	U	0.0002	U	0.00025	U	0.00024	U
Chlorobenzene	100	1.1	0.00015	U	0.00013	U	0.00016	U	0.00016	U
Trichlorofluoromethane	--	--	0.0008	U	0.00071	U	0.00088	U	0.00085	U
1,2-Dichloroethane	3.1	0.02	0.0003	U	0.00026	U	0.00033	U	0.00031	U
1,1,1-Trichloroethane	100	0.68	0.00019	U	0.00017	U	0.00021	U	0.0002	U
Bromodichloromethane	--	--	0.00012	U	0.00011	U	0.00014	U	0.00013	U
trans-1,3-Dichloropropene	--	--	0.00031	U	0.00028	U	0.00035	U	0.00033	U
cis-1,3-Dichloropropene	--	--	0.00018	U	0.00016	U	0.0002	U	0.00019	U
1,3-Dichloropropene, Total	--	--	0.00018	U	0.00016	U	0.0002	U	0.00019	U
1,1-Dichloropropene	--	--	0.00018	U	0.00016	U	0.0002	U	0.00019	U
Bromoform	--	--	0.00028	U	0.00025	U	0.00031	U	0.0003	U
1,1,2,2-Tetrachloroethane	--	--	0.00019	U	0.00017	U	0.00021	U	0.0002	U
Benzene	4.8	0.06	0.00019	U	0.00017	U	0.00021	U	0.0002	U
Toluene	100	0.7	0.00063	U	0.00055	U	0.00069	U	0.00066	U
Ethylbenzene	41	1	0.00016	U	0.00014	U	0.00018	U	0.00017	U
Chloromethane	--	--	0.0011	U	0.00095	U	0.0012	U	0.0011	U
Bromomethane	--	--	0.00067	U	0.00059	U	0.00074	U	0.00071	U
Vinyl chloride	0.9	0.02	0.00039	U	0.00034	U	0.00043	U	0.00041	U
Chloroethane	--	--	0.00052	U	0.00046	U	0.00057	U	0.00055	U
1,1-Dichloroethene	100	0.33	0.00027	U	0.00024	U	0.0003	U	0.00029	U
trans-1,2-Dichloroethene	100	0.19	0.00016	U	0.00014	U	0.00017	U	0.00017	U
Trichloroethene	21	0.47	0.00016	U	0.00014	U	0.00017	U	0.00017	U
1,2-Dichlorobenzene	100	1.1	0.00017	U	0.00015	U	0.00018	U	0.00018	U
1,3-Dichlorobenzene	49	2.4	0.00017	U	0.00015	U	0.00019	U	0.00018	U
1,4-Dichlorobenzene	13	1.8	0.0002	U	0.00017	U	0.00022	U	0.00021	U
Methyl tert butyl ether	100	0.93	0.00023	U	0.0002	U	0.00026	U	0.00024	U
p/m-Xylene	--	--	0.00064	U	0.00057	U	0.00071	U	0.00068	U
o-Xylene	--	--	0.00034	U	0.0003	U	0.00037	U	0.00036	U
Xylenes, Total	100	0.26	0.00034	U	0.0003	U	0.00037	U	0.00036	U
cis-1,2-Dichloroethene	100	0.25	0.0002	U	0.00018	U	0.00022	U	0.00021	U
1,2-Dichloroethene, Total	--	--	0.00016	U	0.00014	U	0.00017	U	0.00017	U
Dibromomethane	--	--	0.00027	U	0.00024	U	0.0003	U	0.00029	U
Styrene	--	--	0.00023	U	0.0002	U	0.00025	U	0.00024	U
Dichlorodifluoromethane	--	--	0.001	U	0.00093	U	0.0012	U	0.0011	U
Acetone	100	0.05	0.046		0.0049	U	0.02		0.027	
Carbon disulfide	--	--	0.0052	U	0.0046	U	0.0058	U	0.0056	U
2-Butanone	100	0.12	0.009	J	0.0022	U	0.0034	J	0.0043	J
Vinyl acetate	--	--	0.0025	U	0.0022	U	0.0027	U	0.0026	U
4-Methyl-2-pentanone	--	--	0.0015	U	0.0013	U	0.0016	U	0.0016	U
1,2,3-Trichloropropane	--	--	0.00015	U	0.00013	U	0.00016	U	0.00016	U
2-Hexanone	--	--	0.0014	U	0.0012	U	0.0015	U	0.0014	U
Bromochloromethane	--	--	0.00024	U	0.00021	U	0.00026	U	0.00025	U
2,2-Dichloropropane	--	--	0.00023	U	0.0002	U	0.00026	U	0.00025	U
1,2-Dibromoethane	--	--	0.00032	U	0.00028	U	0.00035	U	0.00034	U
1,3-Dichloropropane	--	--	0.00019	U	0.00017	U	0.00021	U	0.0002	U
1,1,1,2-Tetrachloroethane	--	--	0.00015	U	0.00013	U	0.00017	U	0.00016	U
Bromobenzene	--	--	0.00017	U	0.00015	U	0.00018	U	0.00018	U
n-Butylbenzene	100	12	0.00019	U	0.00017	U	0.00021	U	0.0002	U
sec-Butylbenzene	100	11	0.00017	U	0.00015	U	0.00018	U	0.00018	U
tert-Butylbenzene	100	5.9	0.00014	U	0.00012	U	0.00015	U	0.00014	U
o-Chlorotoluene	--	--	0.00022	U	0.00019	U	0.00024	U	0.00023	U
p-Chlorotoluene	--	--	0.00012	U	0.00011	U	0.00014	U	0.00013	U
1,2-Dibromo-3-chloropropane	--	--	0.0012	U	0.001	U	0.0013	U	0.0012	U
Hexachlorobutadiene	--	--	0.00019	U	0.00017	U	0.00021	U	0.00021	U
Isopropylbenzene	--	--	0.00012	U	0.00011	U	0.00014	U	0.00013	U
p-Isopropyltoluene	--	--	0.00012	U	0.00011	U	0.00014	U	0.00013	U
Naphthalene	100	12	0.00075	U	0.00066	U	0.00083	U	0.00079	U
Acrylonitrile	--	--	0.0013	U	0.0012	U	0.0015	U	0.0014	U
n-Propylbenzene	100	3.9	0.0002	U	0.00017	U	0.00022	U	0.00021	U
1,2,3-Trichlorobenzene	--	--	0.00037	U	0.00033	U	0.00041	U	0.00039	U
1,2,4-Trichlorobenzene	--	--	0.00031	U	0.00028	U	0.00034	U	0.00033	U
1,3,5-Trimethylbenzene	52	8.4	0.00022	U	0.0002	U	0.00024	U	0.00024	U
1,2,4-Trimethylbenzene	52	3.6	0.00038	U	0.00034	U	0.00042	U	0.00041	U
1,4-Dioxane	13	0.1	0.04	U	0.036	U	0.045	U	0.043	U
p-Diethylbenzene	--	--	0.0002	U	0.00018	U	0.00022	U	0.00022	U
p-Ethyltoluene	--	--	0.00044	U	0.00039	U	0.00049	U	0.00047	U
1,2,4,5-Tetramethylbenzene	--	--	0.00022	U	0.00019	U	0.00024	U	0.00023	U
Ethyl ether	--	--	0.00039	U	0.00035	U	0.00043	U	0.00042	U
trans-1,4-Dichloro-2-butene	--	--	0.0016	U	0.0014	U	0.0018	U	0.0017	U
Total VOCs	--	--	0.13033	-	0.07426	-	0.10747	-	0.1117	-

Notes:
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Cells highlighted in yellow indicate an exceedance of the NY-UNRES
Cells shaded in red indicate an exceedance of the NY-RESRR
Cells bolded and highlighted in yellow and bolded indicated an exeedance of both the NY-UNRES and the NY-RESRR
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in milligrams per killogram

Table 2b - Semivolatile Organic Compounds in Soil
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-1 (1-3) (246G_SB-1)		LSI-SB-2 (3-5) (244G_SB-2)		LSI-SB-3 (0-2) (244G_SB-3)		LSI-SB-4 (5-7) (246G_SB-4)	
LAB ID:			L2419890-01		L2419890-02		L2419890-03		L2419890-04	
COLLECTION DATE:			4/11/2024		4/11/2024		4/11/2024		4/11/2024	
Semivolatile Organic Compounds Units: mg/kg			Conc	Q	Conc	Q	Conc	Q	Conc	Q
Acenaphthene	100	20	0.11	J	0.065	J	0.14		0.19	U
1,2,4-Trichlorobenzene	--	--	0.022	U	0.021	U	0.021	U	0.21	U
Hexachlorobenzene	1.2	0.33	0.021	U	0.02	U	0.02	U	0.21	U
Bis(2-chloroethyl)ether	--	--	0.026	U	0.025	U	0.025	U	0.25	U
2-Chloronaphthalene	--	--	0.019	U	0.018	U	0.018	U	0.18	U
1,2-Dichlorobenzene	100	1.1	0.034	U	0.033	U	0.033	U	0.33	U
1,3-Dichlorobenzene	49	2.4	0.033	U	0.031	U	0.031	U	0.32	U
1,4-Dichlorobenzene	13	1.8	0.033	U	0.032	U	0.032	U	0.32	U
3,3'-Dichlorobenzidine	--	--	0.051	U	0.048	U	0.048	U	0.49	U
2,4-Dinitrotoluene	--	--	0.038	U	0.036	U	0.036	U	0.37	U
2,6-Dinitrotoluene	--	--	0.033	U	0.031	U	0.031	U	0.32	U
Fluoranthene	100	100	2		5.4		5.6		0.21	U
4-Chlorophenyl phenyl ether	--	--	0.02	U	0.02	U	0.019	U	0.2	U
4-Bromophenyl phenyl ether	--	--	0.029	U	0.028	U	0.028	U	0.28	U
Bis(2-chloroisopropyl)ether	--	--	0.033	U	0.031	U	0.031	U	0.32	U
Bis(2-chloroethoxy)methane	--	--	0.019	U	0.018	U	0.018	U	0.18	U
Hexachlorobutadiene	--	--	0.028	U	0.027	U	0.027	U	0.27	U
Hexachlorocyclopentadiene	--	--	0.17	U	0.16	U	0.16	U	1.7	U
Hexachloroethane	--	--	0.031	U	0.029	U	0.029	U	0.3	U
Isophorone	--	--	0.025	U	0.024	U	0.024	U	0.24	U
Naphthalene	100	12	0.16	J	0.032	J	0.17	J	0.22	U
Nitrobenzene	--	--	0.028	U	0.027	U	0.027	U	0.27	U
NDPA/DPA	--	--	0.022	U	0.021	U	0.021	U	0.21	U
n-Nitrosodi-n-propylamine	--	--	0.029	U	0.028	U	0.028	U	0.28	U
Bis(2-ethylhexyl)phthalate	--	--	0.066	U	0.41		0.12	J	0.64	U
Butyl benzyl phthalate	--	--	0.048	U	0.046	U	0.046	U	0.47	U
Di-n-butylphthalate	--	--	0.21		0.034	U	0.14	J	0.35	U
Di-n-octylphthalate	--	--	0.065	U	0.062	U	0.062	U	0.63	U
Diethyl phthalate	--	--	0.018	U	0.017	U	0.017	U	0.17	U
Dimethyl phthalate	--	--	0.04	U	0.038	U	0.038	U	0.39	U
Benzo(a)anthracene	1	1	**1.1**		**2.3**		**2.5**		0.21	U
Benzo(a)pyrene	1	1	**1.1**		**2.4**		**2.5**		0.45	U
Benzo(b)fluoranthene	1	1	**1.3**		**3.1**		**3.4**		0.31	U
Benzo(k)fluoranthene	3.9	0.8	0.43		1		1		0.3	U
Chrysene	3.9	1	1		2.2		2.6		0.27	J
Acenaphthylene	100	100	0.032	J	0.2		0.31		0.28	U
Anthracene	100	100	0.45		0.61		0.63		0.36	U
Benzo(ghi)perylene	100	100	0.55		1.7		1.5		0.22	U
Fluorene	100	30	0.11	J	0.11	J	0.19		0.18	U
Phenanthrene	100	100	1.5		2		2.6		0.22	U
Dibenzo(a,h)anthracene	0.33	0.33	0.15		**0.34**		**0.39**		0.21	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.53**		**1.6**		**1.6**		0.26	U
Pyrene	100	100	1.8		4.5		4.5		0.24	J
Biphenyl	--	--	0.025	U	0.024	U	0.026	J	0.24	U
4-Chloroaniline	--	--	0.035	U	0.033	U	0.033	U	0.34	U
2-Nitroaniline	--	--	0.037	U	0.035	U	0.035	U	0.36	U
3-Nitroaniline	--	--	0.036	U	0.034	U	0.034	U	0.35	U
4-Nitroaniline	--	--	0.079	U	0.075	U	0.075	U	0.76	U
Dibenzofuran	59	7	0.1	J	0.032	J	0.11	J	0.17	U
2-Methylnaphthalene	--	--	0.086	J	0.023	J	0.088	J	0.22	U
1,2,4,5-Tetrachlorobenzene	--	--	0.02	U	0.019	U	0.019	U	0.19	U
Acetophenone	--	--	0.024	U	0.022	U	0.022	U	0.23	U
2,4,6-Trichlorophenol	--	--	0.036	U	0.034	U	0.034	U	0.35	U
p-Chloro-m-cresol	--	--	0.028	U	0.027	U	0.027	U	0.28	U
2-Chlorophenol	--	--	0.022	U	0.022	U	0.021	U	0.22	U
2,4-Dichlorophenol	--	--	0.031	U	0.029	U	0.029	U	0.3	U
2,4-Dimethylphenol	--	--	0.063	U	0.06	U	0.06	U	0.61	U
2-Nitrophenol	--	--	0.072	U	0.068	U	0.068	U	0.7	U
4-Nitrophenol	--	--	0.078	U	0.074	U	0.074	U	0.75	U
2,4-Dinitrophenol	--	--	0.089	U	0.085	U	0.085	U	0.86	U
4,6-Dinitro-o-cresol	--	--	0.092	U	0.087	U	0.087	U	0.89	U
Pentachlorophenol	6.7	0.8	0.042	U	0.04	U	0.04	U	0.41	U
Phenol	100	0.33	0.029	U	0.028	U	0.027	U	0.28	U
2-Methylphenol	100	0.33	0.03	U	0.028	U	0.028	U	0.29	U
3-Methylphenol/4-Methylphenol	100	0.33	0.03	U	0.028	U	0.028	U	0.29	U
2,4,5-Trichlorophenol	--	--	0.036	U	0.035	U	0.035	U	0.35	U
Benzoic Acid	--	--	0.19	U	0.18	U	0.18	U	1.9	U
Benzyl Alcohol	--	--	0.058	U	0.056	U	0.056	U	0.56	U
Carbazole	--	--	0.22		0.072	J	0.29		0.18	U
1,4-Dioxane	13	0.1	0.0088	U	0.0084	U	0.0084	U	0.085	U
Total SVOCs	--	--	15.1098	-	30.1304	-	32.3794	-	26.195	-

Notes:
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Cells highlighted in yellow indicate an exceedance of the NY-UNRES
Cells shaded in red indicate an exceedance of the NY-RESRR
Cells bolded and highlighted in yellow and bolded indicated an exeedance of both the NY-UNRES and the NY-RESRR
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in milligrams per killogram

Table 2c - Pesticides and PCBs in Soil
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-1 (1-3) (246G_SB-1)		LSI-SB-2 (3-5) (244G_SB-2)		LSI-SB-3 (0-2) (244G_SB-3)		LSI-SB-4 (5-7) (246G_SB-4)	
LAB ID:			L2419890-01		L2419890-02		L2419890-03		L2419890-04	
COLLECTION DATE:			4/11/2024		4/11/2024		4/11/2024		4/11/2024	
Pesticides Units: mg/kg			Conc	Q	Conc	Q	Conc	Q	Conc	Q
Delta-BHC	100	0.04	0.000358	U	0.000332	U	0.000341	U	0.000335	U
Lindane	1.3	0.1	0.00034	U	0.000316	U	0.000324	U	0.000318	U
Alpha-BHC	0.48	0.02	0.000216	U	0.000201	U	0.000206	U	0.000202	U
Beta-BHC	0.36	0.036	0.000692	U	0.000644	U	0.00066	U	0.000648	U
Heptachlor	2.1	0.042	0.000409	U	0.00038	U	0.00039	U	0.000383	U
Aldrin	0.097	0.005	0.00171	J	0.000598	U	0.000613	U	0.000602	U
Heptachlor epoxide	--	--	0.00103	U	0.000955	U	0.00746		0.000962	U
Endrin	11	0.014	0.000312	U	0.00029	U	0.000297	U	0.000292	U
Endrin aldehyde	--	--	0.000799	U	0.000743	U	0.000761	U	0.000748	U
Endrin ketone	--	--	0.00047	U	0.000437	U	0.000448	U	0.00044	U
Dieldrin	0.2	0.005	0.0036		0.000686	JIP	0.00593		0.00103	J
4,4'-DDE	8.9	0.0033	0.00353		0.00357		0.0312		0.00293	
4,4'-DDD	13	0.0033	0.000651	U	0.00459		0.174		0.00253	
4,4'-DDT	7.9	0.0033	0.00409		0.00489		0.0122	IP	0.004	
Endosulfan I	24	2.4	0.000431	U	0.000401	U	0.000411	U	0.000404	U
Endosulfan II	24	2.4	0.00061	U	0.000567	U	0.000581	U	0.000571	U
Endosulfan sulfate	24	2.4	0.000362	U	0.000337	U	0.000345	U	0.000339	U
Methoxychlor	--	--	0.00106	U	0.00099	U	0.00102	U	0.000997	U
Toxaphene	--	--	0.00959	U	0.00891	U	0.00914	U	0.00898	U
cis-Chlordane	4.2	0.094	0.00896		0.00128	JIP	0.00788		0.00181	JIP
trans-Chlordane	--	--	0.00496	IP	0.00204	JIP	0.00897		0.00162	JIP
Chlordane	--	--	0.0661		0.00562	U	0.00576	U	0.0187	IP
Polychlorinated Biphenyls										
Aroclor 1016	1	0.1	0.00478	U	0.00464	U	0.00473	U	0.0047	U
Aroclor 1221	1	0.1	0.00539	U	0.00523	U	0.00534	U	0.00531	U
Aroclor 1232	1	0.1	0.0114	U	0.0111	U	0.0113	U	0.0112	U
Aroclor 1242	1	0.1	0.00725	U	0.00704	U	0.00718	U	0.00714	U
Aroclor 1248	1	0.1	0.00807	U	0.00783	U	0.0331	J	0.00794	U
Aroclor 1254	1	0.1	0.00588	U	0.00571	U	0.0784		0.00579	U
Aroclor 1260	1	0.1	0.00994	U	0.00965	U	0.0291	J	0.00979	U
Aroclor 1262	1	0.1	0.00683	U	0.00663	U	0.00677	U	0.00672	U
Aroclor 1268	1	0.1	0.00557	U	0.00541	U	0.0124	J	0.00549	U
PCBs, Total	1	0.1	0.00478	U	0.00464	U	0.153	J	0.0047	U

Notes:
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Cells highlighted in yellow indicate an exceedance of the NY-UNRES
Cells shaded in red indicate an exceedance of the NY-RESRR
Cells bolded and highlighted in yellow and bolded indicated an exeedance of both the NY-UNRES and the NY-RESRR
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
I = The lower value of the two columns was reported due to obvious interference.
P = The RPD between the results for the two columns exceeds the method-specified criteria.
-- = No standard
Results and MDL values are in milligrams per killogram

Table 2d - Total Metals in Soil
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-RESRR	NY-UNRES	LSI-SB-1 (1-3) (246G_SB-1)		LSI-SB-2 (3-5) (244G_SB-2)		LSI-SB-3 (0-2) (244G_SB-3)		LSI-SB-4 (5-7) (246G_SB-4)	
LAB ID:			**L2419890-01**		**L2419890-02**		**L2419890-03**		**L2419890-04**	
COLLECTION DATE:			**4/11/2024**		**4/11/2024**		**4/11/2024**		**4/11/2024**	
Total Metals Units: mg/kg			**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
Aluminum, Total	--	--	9420		7130		4570		2610	
Antimony, Total	--	--	1.08	J	0.601	J	3.18	J	0.328	U
Arsenic, Total	16	13	5.79		3.04		14.8		1.36	
Barium, Total	400	350	143		148		**481**		20.1	
Beryllium, Total	72	7.2	0.442	J	0.409	J	0.274	J	0.169	J
Cadmium, Total	4.3	2.5	0.378	J	0.18	J	1.97		0.085	U
Calcium, Total	--	--	4700		1440		16700		2300	
Chromium, Total	--	--	17.1		28		18		7.36	
Cobalt, Total	--	--	4.46		5.99		4.4		3.41	
Copper, Total	270	50	56.4		19.6		131		8.55	
Iron, Total	--	--	14300		15300		12700		9450	
Lead, Total	400	63	287		260		**1340**		6.81	
Magnesium, Total	--	--	2010		1940		2920		1580	
Manganese, Total	2000	1600	225		317		175		211	
Mercury, Total	0.81	0.18	0.278		0.117		**1.99**		0.047	U
Nickel, Total	310	30	12.6		12.2		17.8		7.08	
Potassium, Total	--	--	515		924		565		478	
Selenium, Total	180	3.9	0.681	J	0.219	U	1.14	J	0.223	U
Silver, Total	180	2	0.254	U	0.24	U	0.446		0.245	U
Sodium, Total	--	--	77.6	J	326		124	J	67	J
Thallium, Total	--	--	0.283	U	0.375	J	0.264	U	0.272	U
Vanadium, Total	--	--	27.2		25.1		28.3		10.8	
Zinc, Total	10000	109	153		111		692		23.1	
TCLP Metals Units: mg/L	**US EPA Allowable Limit**									
Barium, TCLP	100		-		-		0.892		-	
Lead, TCLP	5		-		-		5.68		-	

Notes:
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Cells highlighted in yellow indicate an exceedance of the NY-UNRES or US EPA Allowable Limit
Cells shaded in red indicate an exceedance of the NY-RESRR
Cells bolded and highlighted in yellow and bolded indicated an exeedance of both the NY-UNRES and the NY-RESRR
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
- = Not analyzed
Results and MDL values are in milligrams per kilogram
TCLP = Toxicity Characteristic Leaching Procedure

Table 3a - Volatile Organic Compounds in Groundwater
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-AWQS	LSI-TW1 (246G_TW-1)		LSI-TW2 (244G_TW-2)		TRIP BLANK	
LAB ID:		L2420164-01		L2420164-02		L2420164-03	
COLLECTION DATE:		4/12/2024		4/12/2024		4/12/2024	
Voltile Organic Compounds Units: ug/l		Conc	Q	Conc	Q	Conc	Q
Methylene chloride	5	0.7	U	0.7	U	0.7	U
1,1-Dichloroethane	5	0.7	U	0.7	U	0.7	U
Chloroform	7	0.7	U	0.7	U	0.7	U
Carbon tetrachloride	5	0.13	U	0.13	U	0.13	U
1,2-Dichloropropane	1	0.14	U	0.14	U	0.14	U
Dibromochloromethane	50	0.15	U	0.15	U	0.15	U
1,1,2-Trichloroethane	1	0.5	U	0.5	U	0.5	U
Tetrachloroethene	5	0.18	U	0.3	J	0.18	U
Chlorobenzene	5	0.7	U	0.7	U	0.7	U
Trichlorofluoromethane	5	0.7	U	0.7	U	0.7	U
1,2-Dichloroethane	0.6	0.13	U	0.13	U	0.13	U
1,1,1-Trichloroethane	5	0.7	U	0.7	U	0.7	U
Bromodichloromethane	50	0.19	U	0.19	U	0.19	U
trans-1,3-Dichloropropene	0.4	0.16	U	0.16	U	0.16	U
cis-1,3-Dichloropropene	0.4	0.14	U	0.14	U	0.14	U
1,3-Dichloropropene, Total	--	0.14	U	0.14	U	0.14	U
1,1-Dichloropropene	5	0.7	U	0.7	U	0.7	U
Bromoform	50	0.65	U	0.65	U	0.65	U
1,1,2,2-Tetrachloroethane	5	0.17	U	0.17	U	0.17	U
Benzene	1	0.16	U	0.16	U	0.16	U
Toluene	5	0.7	U	0.7	U	0.7	U
Ethylbenzene	5	0.7	U	0.7	U	0.7	U
Chloromethane	--	0.7	U	0.7	U	0.7	U
Bromomethane	5	0.7	U	0.7	U	0.7	U
Vinyl chloride	2	0.07	U	0.07	U	0.07	U
Chloroethane	5	0.7	U	0.7	U	0.7	U
1,1-Dichloroethene	5	0.17	U	0.17	U	0.17	U
trans-1,2-Dichloroethene	5	0.7	U	0.7	U	0.7	U
Trichloroethene	5	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
1,3-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
1,4-Dichlorobenzene	3	0.7	U	0.7	U	0.7	U
Methyl tert butyl ether	10	0.17	U	0.17	U	0.17	U
p/m-Xylene	5	0.7	U	0.7	U	0.7	U
o-Xylene	5	0.7	U	0.7	U	0.7	U
Xylenes, Total	--	0.7	U	0.7	U	0.7	U
cis-1,2-Dichloroethene	5	0.7	U	0.7	U	0.7	U
1,2-Dichloroethene, Total	--	0.7	U	0.7	U	0.7	U
Dibromomethane	5	1	U	1	U	1	U
1,2,3-Trichloropropane	0.04	0.7	U	0.7	U	0.7	U
Acrylonitrile	5	1.5	U	1.5	U	1.5	U
Styrene	5	0.7	U	0.7	U	0.7	U
Dichlorodifluoromethane	5	1	U	1	U	1	U
Acetone	50	1.5	U	1.5	U	1.5	U
Carbon disulfide	60	1	U	1	U	1	U
2-Butanone	50	1.9	U	1.9	U	1.9	U
Vinyl acetate	--	1	U	1	U	1	U
4-Methyl-2-pentanone	--	1	U	1	U	1	U
2-Hexanone	50	1	U	1	U	1	U
Bromochloromethane	5	0.7	U	0.7	U	0.7	U
2,2-Dichloropropane	5	0.7	U	0.7	U	0.7	U
1,2-Dibromoethane	0.0006	0.65	U	0.65	U	0.65	U
1,3-Dichloropropane	5	0.7	U	0.7	U	0.7	U
1,1,1,2-Tetrachloroethane	5	0.7	U	0.7	U	0.7	U
Bromobenzene	5	0.7	U	0.7	U	0.7	U
n-Butylbenzene	5	0.7	U	0.7	U	0.7	U
sec-Butylbenzene	5	0.7	U	0.7	U	0.7	U
tert-Butylbenzene	5	0.7	U	0.7	U	0.7	U
o-Chlorotoluene	5	0.7	U	0.7	U	0.7	U
p-Chlorotoluene	5	0.7	U	0.7	U	0.7	U
1,2-Dibromo-3-chloropropane	0.04	0.7	U	0.7	U	0.7	U
Hexachlorobutadiene	0.5	0.7	U	0.7	U	0.7	U
Isopropylbenzene	5	0.7	U	0.7	U	0.7	U
p-Isopropyltoluene	5	0.7	U	0.7	U	0.7	U
Naphthalene	10	0.7	U	0.7	U	0.7	U
n-Propylbenzene	5	0.7	U	0.7	U	0.7	U
1,2,3-Trichlorobenzene	5	0.7	U	0.7	U	0.7	U
1,2,4-Trichlorobenzene	5	0.7	U	0.7	U	0.7	U
1,3,5-Trimethylbenzene	5	0.7	U	0.7	U	0.7	U
1,2,4-Trimethylbenzene	5	0.7	U	0.7	U	0.7	U
1,4-Dioxane	--	61	U	61	U	61	U
p-Diethylbenzene	--	0.7	U	0.7	U	0.7	U
p-Ethyltoluene	--	0.7	U	0.7	U	0.7	U
1,2,4,5-Tetramethylbenzene	5	0.54	U	0.54	U	0.54	U
Ethyl ether	--	0.7	U	0.7	U	0.7	U
trans-1,4-Dichloro-2-butene	5	0.7	U	0.7	U	0.7	U
Total VOCs	--	107.88	-	108	-	107.88	-

Notes:
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
Cells highlighted in yellow values indicate concentrations above the NY-AWQS
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in micrograms per liter (µg/L)

Table 3b - Semivolatile Organic Compounds in Groundwater
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-AWQS	LSI-TW1 (246G_TW-1)		LSI-TW2 (244G_TW-2)	
LAB ID:		L2420164-01		L2420164-02	
COLLECTION DATE:		4/12/2024		4/12/2024	
Semivoltile Organic Compounds Units: ug/l		Conc	Q	Conc	Q
1,2,4-Trichlorobenzene	5	0.5	U	0.5	U
Bis(2-chloroethyl)ether	1	0.5	U	0.5	U
1,2-Dichlorobenzene	3	0.45	U	0.45	U
1,3-Dichlorobenzene	3	0.4	U	0.4	U
1,4-Dichlorobenzene	3	0.43	U	0.43	U
3,3'-Dichlorobenzidine	5	1.6	U	1.6	U
2,4-Dinitrotoluene	5	1.2	U	1.2	U
2,6-Dinitrotoluene	5	0.93	U	0.93	U
4-Chlorophenyl phenyl ether	--	0.49	U	0.49	U
4-Bromophenyl phenyl ether	--	0.38	U	0.38	U
Bis(2-chloroisopropyl)ether	5	0.53	U	0.53	U
Bis(2-chloroethoxy)methane	5	0.5	U	0.5	U
Hexachlorocyclopentadiene	5	0.69	U	0.69	U
Isophorone	50	1.2	U	1.2	U
Nitrobenzene	0.4	0.77	U	0.77	U
NDPA/DPA	50	0.42	U	0.42	U
n-Nitrosodi-n-propylamine	--	0.64	U	0.64	U
Bis(2-ethylhexyl)phthalate	5	1.5	U	1.5	U
Butyl benzyl phthalate	50	1.2	U	1.2	U
Di-n-butylphthalate	50	0.39	U	0.39	U
Di-n-octylphthalate	50	1.3	U	1.3	U
Diethyl phthalate	50	0.38	U	0.38	U
Dimethyl phthalate	50	1.8	U	1.8	U
Biphenyl	--	0.46	U	0.46	U
4-Chloroaniline	5	1.1	U	1.1	U
2-Nitroaniline	5	0.5	U	0.5	U
3-Nitroaniline	5	0.81	U	0.81	U
4-Nitroaniline	5	0.8	U	0.8	U
Dibenzofuran	--	0.5	U	0.5	U
1,2,4,5-Tetrachlorobenzene	5	0.44	U	0.44	U
Acetophenone	--	0.53	U	0.53	U
2,4,6-Trichlorophenol	--	0.61	U	0.61	U
p-Chloro-m-cresol	--	0.35	U	0.35	U
2-Chlorophenol	--	0.48	U	0.48	U
2,4-Dichlorophenol	1	0.41	U	0.41	U
2,4-Dimethylphenol	50	1.8	U	1.8	U
2-Nitrophenol	--	0.85	U	0.85	U
4-Nitrophenol	--	0.67	U	0.67	U
2,4-Dinitrophenol	10	6.6	U	6.6	U
4,6-Dinitro-o-cresol	--	1.8	U	1.8	U
Phenol	1	0.57	U	0.57	U
2-Methylphenol	--	0.49	U	0.49	U
3-Methylphenol/4-Methylphenol	--	0.48	U	0.48	U
2,4,5-Trichlorophenol	--	0.77	U	0.77	U
Benzoic Acid	--	2.6	U	2.6	U
Benzyl Alcohol	--	0.59	U	0.59	U
Carbazole	--	0.49	U	0.49	U
Acenaphthene	20	0.01	U	0.01	J
2-Chloronaphthalene	10	0.02	U	0.03	J
Fluoranthene	50	0.02	U	0.02	U
Hexachlorobutadiene	0.5	0.05	U	0.05	U
Naphthalene	10	0.05	U	0.43	
Benzo(a)anthracene	0.002	0.02	U	0.02	U
Benzo(a)pyrene	0	0.02	U	0.02	U
Benzo(b)fluoranthene	0.002	0.01	U	0.01	U
Benzo(k)fluoranthene	0.002	0.01	U	0.01	U
Chrysene	0.002	0.01	U	0.01	U
Acenaphthylene	--	0.01	U	0.01	U
Anthracene	50	0.01	U	0.02	J
Benzo(ghi)perylene	--	0.01	U	0.01	U
Fluorene	50	0.01	U	0.02	J
Phenanthrene	50	0.02	U	0.03	J
Dibenzo(a,h)anthracene	--	0.01	U	0.01	U
Indeno(1,2,3-cd)pyrene	0.002	0.01	U	0.01	U
Pyrene	50	0.02	U	0.02	U
2-Methylnaphthalene	--	0.02	U	0.05	J
Pentachlorophenol	1	0.01	U	0.01	U
Hexachlorobenzene	0.04	0.01	U	0.01	U
Hexachloroethane	5	0.06	U	0.06	U
Total SVOCs	--	43.32	-	43.77	-

Notes:
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
Cells highlighted in yellow values indicate concentrations above the NY-AWQS
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in micrograms per liter (µg/L)

Table 3c - Pesticides and PCBs in Groundwater
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-AWQS	LSI-TW1 (246G_TW-1)		LSI-TW2 (244G_TW-2)	
LAB ID:		L2420164-01		L2420164-02	
COLLECTION DATE:		4/12/2024		4/12/2024	
Pesticides **Units: ug/l**		**Conc**	**Q**	**Conc**	**Q**
Delta-BHC	0.04	0.003	U	0.003	U
Lindane	0.05	0.003	U	0.003	U
Alpha-BHC	0.01	0.003	U	0.003	U
Beta-BHC	0.04	0.004	U	0.004	U
Heptachlor	0.04	0.002	U	0.002	U
Aldrin	0	0.002	U	0.002	U
Heptachlor epoxide	0.03	0.003	U	0.003	U
Endrin	0	0.003	U	0.003	U
Endrin aldehyde	5	0.006	U	0.006	U
Endrin ketone	5	0.003	U	0.003	U
Dieldrin	0.004	0.003	U	0.003	U
4,4'-DDE	0.2	0.003	U	0.003	U
4,4'-DDD	0.3	0.003	U	0.003	U
4,4'-DDT	0.2	0.003	U	0.003	U
Endosulfan I	--	0.002	U	0.002	U
Endosulfan II	--	0.004	U	0.004	U
Endosulfan sulfate	--	0.003	U	0.003	U
Methoxychlor	35	0.005	U	0.005	U
Toxaphene	0.06	0.045	U	0.045	U
cis-Chlordane	--	0.005	U	0.005	U
trans-Chlordane	--	0.004	U	0.004	U
Chlordane	0.05	0.033	U	0.033	U
Polychlorinated Biphenyls					
Aroclor 1016	0.09	0.061	U	0.061	U
Aroclor 1221	0.09	0.061	U	0.061	U
Aroclor 1232	0.09	0.061	U	0.061	U
Aroclor 1242	0.09	0.061	U	0.061	U
Aroclor 1248	0.09	0.061	U	0.061	U
Aroclor 1254	0.09	0.061	U	0.061	U
Aroclor 1260	0.09	0.061	U	0.061	U
Aroclor 1262	0.09	0.061	U	0.061	U
Aroclor 1268	0.09	0.061	U	0.061	U
PCBs, Total	--	0.061	U	0.061	U

Notes:
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
Cells highlighted in yellow values indicate concentrations above the NY-AWQS
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in micrograms per liter (µg/L)

Table 3d - Total and Dissolved Metals in Groundwater
244-246 Gold Street - Brooklyn, NY

SAMPLE ID:	NY-AWQS	LSI-TW1 (246G_TW-1)		LSI-TW2 (244G_TW-2)	
LAB ID:		L2420164-01		L2420164-02	
COLLECTION DATE:		4/12/2024		4/12/2024	
Dissolved Metals Units: ug/l		Conc	Q	Conc	Q
Aluminum, Dissolved	--	13.5		66	
Antimony, Dissolved	3	0.42	U	0.42	U
Arsenic, Dissolved	25	0.25	J	0.25	J
Barium, Dissolved	1000	82.87		88.94	
Beryllium, Dissolved	3	0.1	U	0.1	U
Cadmium, Dissolved	5	0.06	J	0.1	J
Calcium, Dissolved	--	107000		203000	
Chromium, Dissolved	50	0.17	U	0.39	J
Cobalt, Dissolved	--	3.83		4.66	
Copper, Dissolved	200	1.23		0.5	J
Iron, Dissolved	300	34.6	J	99	
Lead, Dissolved	25	0.34	U	0.34	U
Magnesium, Dissolved	35000	17200		35800	
Manganese, Dissolved	300	472.5		638.4	
Mercury, Dissolved	0.7	0.09	U	0.09	U
Nickel, Dissolved	100	10.12		12.49	
Potassium, Dissolved	--	20000		20500	
Selenium, Dissolved	10	1.97	J	11.2	
Silver, Dissolved	50	0.16	U	0.16	U
Sodium, Dissolved	20000	39100		133000	
Thallium, Dissolved	0.5	0.14	U	0.14	U
Vanadium, Dissolved	--	1.57	U	1.57	U
Zinc, Dissolved	2000	3.41	U	3.41	U
TOTAL METALS					
Aluminum, Total	--	422		5310	
Antimony, Total	3	0.42	U	0.42	U
Arsenic, Total	25	0.41	J	2.42	
Barium, Total	1000	86.24		150.4	
Beryllium, Total	3	0.1	U	0.33	J
Cadmium, Total	5	0.06	J	0.17	J
Calcium, Total	--	110000		202000	
Chromium, Total	50	1.15		11.69	
Cobalt, Total	--	4.26		8.39	
Copper, Total	200	3.07		16.04	
Iron, Total	300	808		9320	
Lead, Total	25	0.55	J	10.05	
Magnesium, Total	35000	17200		36400	
Manganese, Total	300	491.1		778.6	
Mercury, Total	0.7	0.09	U	0.09	U
Nickel, Total	100	13.11		40.8	
Potassium, Total	--	20300		20500	
Selenium, Total	10	2.16	J	12.4	
Silver, Total	50	0.16	U	0.16	U
Sodium, Total	20000	38400		121000	
Thallium, Total	0.5	0.14	U	0.19	J
Vanadium, Total	--	1.57	U	13.91	
Zinc, Total	2000	3.82	J	35.62	

Notes:
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
Cells highlighted in yellow values indicate concentrations above the NY-AWQS
MDL = Maximum Detection Limit
RL = Reporting limit
Q = Laboratory Data Qualifier
For U qualified entries, the MDL is shown
U = not detected at or above the MDL
For J qualified entries, the estimated concentration is shown
J = estimated value, indicating the detected value is below the RL, but above the MDL
-- = No standard
Results and MDL values are in micrograms per liter (µg/L)

Attachment 1
Soil Vapor Sampling Logs

TENEN ENVIRONMENTAL

Site:	**246 Gold Street - Brooklyn, NY**
Weather:	**50s, Overcast**
Date:	**4/12/2024**
Observers:	**H. Lau**

Sample ID	He (ppm)	PID (ppm)	Can ID	Flow ID	Initial Time	Final Time	Initial Pressure (in-Hg)	Final Pressure (in-Hg)
246G_SV-1	0	0.6	49237	6974	0747	0946	-29	-4
244G_SV-2	0	0.0	49240	10549	0749	1129	-29	-8

Notes:

ppm: parts per million

in-Hg: inches mercury

Attachment 2
Soil Boring and Monitoring Well Construction Logs

TENEN ENVIRONMENTAL

		Boring No.	246G_SB-1/TW-1
		Sheet	1 of 1
Site:	244-246 Gold Street - Brooklyn, NY	**Drilling Method:**	Geoprobe DPP Drill Rig
Date:	4/11/2024	**Soil Sampling Method:**	5' Macrocore w.
Weather:	Partly Cloudy / L. Rain, 43-63 degF		Acetate Liners
Observer:	V. Chang	**Driller :**	Coastal Environmental

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1 2 3 4 5	0.0	60%	LSI-SB-1 (1-3)	0-5: 6" Asphalt, followed by FILL (Brown, fine to medium Sand, little Gravel, Stil, trace Plastic, Brick, Wood, Ash)
6 7 8 9 10	0.0	50%		5-10: Brown, fine to coarse SAND, little Gravel, trace Silt. End of sample collection @ 10 ft-bg. End of boring for temporary well installation @ 30 ft-bg.

Notes: Sample analyzed for full analysis (VOCs, SVOCs, pesticides, PCBs, metals).

One-inch temporary PVC well was advanced via direct-push probe and set at ~30 ft-bg w. endcap affixed to 10 ft of 0.20-inch slotted (20-slot) well screen (20' to 30') and solid riser to grade (0' to 20')and stickup w. locking j-plug approx. ~1 ft above grade. Annual void space around the well were filled in with No. 2 Morie sandpack to 3 ft above the well screen (7'-30') and hydrated bentonite seal to grade (0' to 7').

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
PID - Photoionization Detector
SAA - Same as Above
NR - not recorded

TENEN ENVIRONMENTAL

		Boring No.	244G_SB-2/TW-2
		Sheet	1 of 1
Site:	244-246 Gold Street - Brooklyn, NY	**Drilling Method:**	Geoprobe DPP Drill Rig
Date:	4/11/2024	**Soil Sampling Method:**	5' Macrocore w.
Weather:	Partly Cloudy / L. Rain, 43-63 degF		Acetate Liners
Observer:	V. Chang	**Driller :**	Coastal Environmental

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1 2 3 4 5	0.0	80%	LSI-SB-2 (3-5)	0-5: 6" Asphalt, followed by FILL (Brown, fine to medium Sand, some Brick, little Gravel, Stil, trace Plastic, Wood)
6 7 8 9 10	0.0	60%		5-10: Brown, fine to medium SAND, little Gravel, trace Silt. End of sample collection @ 10 ft-bg. End of boring for temporary well installation @ 30 ft-bg.

Notes: Sample analyzed for full analysis (VOCs, SVOCs, pesticides, PCBs, metals).

One-inch temporary PVC well was advanced via direct-push probe and set at ~30 ft-bg w. endcap affixed to 10 ft of 0.20-inch slotted (20-slot) well screen (20' to 30') and solid riser to grade (0' to 20')and stickup w. locking j-plug approx. ~1 ft above grade. Annual void space around the well were filled in with No. 2 Morie sandpack to 3 ft above the well screen (7'-30') and hydrated bentonite seal to grade (0' to 7').

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
PID - Photoionization Detector
SAA - Same as Above
NR - not recorded

TENEN ENVIRONMENTAL		Boring No.	244G_SB-3
		Sheet	1 of 1
Site:	244-246 Gold Street - Brooklyn, NY	**Drilling Method:**	Geoprobe DPP Drill Rig
Date:	4/11/2024	**Soil Sampling Method:**	5' Macrocore w.
Weather:	Partly Cloudy / L. Rain, 43-63 degF		Acetate Liners
Observer:	V. Chang	**Driller :**	Coastal Environmental

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1 2 3 4 5	0.0	90%	LSI-SB-3 (0-2)	0-5: 6" Asphalt, followed by FILL (Dark brown, fine to coarse Sand, some Gravel, little Silt, Clay, Wood, trace Brick, Plastic)
6 7 8 9 10	0.0	70%		5-10: Brown, fine to medium SAND, little Gravel, Clay, Silt. End of boring @ 10 ft-bg.

Notes: Sample analyzed for full analysis (VOCs, SVOCs, pesticides, PCBs, metals).

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
PID - Photoionization Detector
SAA - Same as Above
NR - not recorded

TENEN ENVIRONMENTAL

		Boring No.	246G_SB-4
		Sheet	1 of 1
Site:	244-246 Gold Street - Brooklyn, NY	**Drilling Method:**	Geoprobe DPP Drill Rig
Date:	4/11/2024	**Soil Sampling Method:**	5' Macrocore w.
Weather:	Partly Cloudy / L. Rain, 43-63 degF		Acetate Liners
Observer:	V. Chang	**Driller :**	Coastal Environmental

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1 2 3 4 5	0.0	100%		0-5: 6" Asphalt, followed by FILL (Brown to dark brown, fine to coarse Sand, some Gravel, little Silt, Brick, trace Wood, Roots, Glass, Plastic)
6 7 8 9 10	0.0	75%	LSI-SB-4. (5-7)	5-10: Dark brown, fine to coarse SAND, little Gravel, trace Silt. End of boring @ 10 ft-bg.

Notes: Sample analyzed for full analysis (VOCs, SVOCs, pesticides, PCBs, metals).

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
PID - Photoionization Detector
SAA - Same as Above
NR - not recorded

Attachment 3
Groundwater Purge and Sampling Logs

GROUNDWATER SAMPLING LOG

Site Name	246 Gold Street	Date	4/12/2024
Well No.	246G_TW-1	Sample ID	246G_TW-1

Well Diameter	1 inch	Depth to Water	22.03	ft-bg
Well Screen Interval	20-30 ft-bg	Depth to Bottom	30.05	ft-bg
Headspace PID	0.0 ppm			
Weather	50s, overcast			

Pump	Peristaltic pump
Water Quality Meter	Horiba U52
Total Volume Purged	3.5 gallons

Time	Temperature deg-C	pH SU	ORP mV	Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Total Dissolved Solids ppm
810	18.21	7.51	105	0.985	580	5.240	0.956
820	18.55	7.41	128	0.968	425	4.260	0.942
830	18.46	7.38	135	0.966	89.4	2.150	0.941
840	18.25	7.34	140	0.964	59.1	1.200	0.940
850	18.2	7.32	141	0.965	36.5	0.953	0.940

Notes: Sample 246G_TW-1 at 8:50 for analysis of VOCs, SVOCs, TAL metals, pesticides, and PCBs

GROUNDWATER SAMPLING LOG

Site Name	246 Gold Street	Date	4/12/2024
Well No.	244G_TW-2	Sample ID	244G_TW-2
Well Diameter	1 inch	Depth to Water	21.45 ft-bg
Well Screen Interval	20-30 ft-bg	Depth to Bottom	29.98 ft-bg
Headspace PID	0.0 ppm		
Weather	50s, overcast		
Pump	Peristaltic pump		
Water Quality Meter	Horiba U52		
Total Volume Purged	3.5 gallons		

Time	Temperature deg-C	pH SU	ORP mV	Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Total Dissolved Solids ppm
920	18.39	7.32	51	0.856	980	4.380	0.471
930	17.52	7.21	36	0.842	750	2.140	0.441
940	17.33	7.22	32	0.835	320.0	1.540	0.440
950	17.31	7.22	29	0.832	99.4	0.920	0.439
1000	17.29	7.19	28	0.830	49.3	0.510	0.439

Notes: Sample 244G_TW-2 at 10:00 for analysis of VOCs, SVOCs, TAL metals, pesticides, and PCBs

Attachment 4
Laboratory Deliverables

ANALYTICAL REPORT

Lab Number:	L2419890
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	244-246 GOLD ST
Project Number:	244-246 GOLD ST
Report Date:	04/18/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419890-01	LSI-SB-1 (1-3)	SOIL	BKLYN, NY	04/11/24 10:00	04/11/24
L2419890-02	LSI-SB-2 (3-5)	SOIL	BKLYN, NY	04/11/24 11:00	04/11/24
L2419890-03	LSI-SB-3 (0-2)	SOIL	BKLYN, NY	04/11/24 10:30	04/11/24
L2419890-04	LSI-SB-4 (5-7)	SOIL	BKLYN, NY	04/11/24 12:00	04/11/24
L2419890-05	TRIP BLANK	WATER	BKLYN, NY	04/11/24 00:00	04/11/24

Project Name:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

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:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L2419890-04D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2419890-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1908027-1 Method Blank, associated with L2419890-01 through -04, 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".

The WG1908027-3 MS recoveries for aluminum (0%), calcium (963%), iron (1970%), lead (39%) and manganese (168%), performed on L2419890-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1908027-3 MS recoveries, performed on L2419890-01, are outside the acceptance criteria for copper (71%), magnesium (310%) and zinc (63%). A post digestion spike was performed and was within acceptance criteria.

The WG1908027-4 Laboratory Duplicate RPDs for calcium (46%), copper (24%) and magnesium (21%), performed on L2419890-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 04/18/24

ORGANICS

VOLATILES

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:48
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
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	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	46		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	9.0	J	ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

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

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/15/24 22:11
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/15/24 22:34
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
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	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	20		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	3.4	J	ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:30
Date Received: 04/11/24
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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	108		70-130

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/15/24 22:58
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	6.1	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: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	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	27		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	4.3	J	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	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	106		70-130

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-05
Client ID: TRIP BLANK
Sample Location: BKLYN, NY

Date Collected: 04/11/24 00:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/13/24 14:29
Analyst: AJK

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

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-05
Client ID: TRIP BLANK
Sample Location: BKLYN, NY

Date Collected: 04/11/24 00:00
Date Received: 04/11/24
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: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-05
Client ID: TRIP BLANK
Sample Location: BKLYN, NY
Date Collected: 04/11/24 00:00
Date Received: 04/11/24
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	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/24 10:05
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908892-5					
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: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/24 10:05
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908892-5					
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: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/24 10:05
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908892-5					
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	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:25
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1909287-5					
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: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:25
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1909287-5					
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: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:25
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1909287-5					
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	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908892-3 WG1908892-4								
Methylene chloride	96		100		70-130	4		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	92		96		63-130	4		20
1,1,2-Trichloroethane	94		99		70-130	5		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	96		100		75-130	4		20
Trichlorofluoromethane	92		98		62-150	6		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	99		100		67-130	1		20
trans-1,3-Dichloropropene	93		94		70-130	1		20
cis-1,3-Dichloropropene	97		100		70-130	3		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	100		110		70-130	10		20
Toluene	99		100		70-130	1		20
Ethylbenzene	97		100		70-130	3		20
Chloromethane	110		110		64-130	0		20
Bromomethane	58		63		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908892-3 WG1908892-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	96		100		70-130	4		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	95		99		70-130	4		20
1,3-Dichlorobenzene	94		99		70-130	5		20
1,4-Dichlorobenzene	94		99		70-130	5		20
Methyl tert butyl ether	88		90		63-130	2		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	95		97		70-130	2		20
1,2,3-Trichloropropane	90		98		64-130	9		20
Acrylonitrile	110		120		70-130	9		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	90		89		58-148	1		20
Carbon disulfide	99		110		51-130	11		20
2-Butanone	96		93		63-138	3		20
Vinyl acetate	**140**	Q	**140**	Q	70-130	0		20
4-Methyl-2-pentanone	84		92		59-130	9		20
2-Hexanone	84		91		57-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908892-3 WG1908892-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	94		96		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	94		98		64-130	4		20
Bromobenzene	97		100		70-130	3		20
n-Butylbenzene	92		97		53-136	5		20
sec-Butylbenzene	96		100		70-130	4		20
tert-Butylbenzene	96		100		70-130	4		20
o-Chlorotoluene	98		100		70-130	2		20
p-Chlorotoluene	95		100		70-130	5		20
1,2-Dibromo-3-chloropropane	90		88		41-144	2		20
Hexachlorobutadiene	88		94		63-130	7		20
Isopropylbenzene	96		100		70-130	4		20
p-Isopropyltoluene	93		98		70-130	5		20
Naphthalene	72		76		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	70		76		70-130	8		20
1,2,4-Trichlorobenzene	76		80		70-130	5		20
1,3,5-Trimethylbenzene	95		100		64-130	5		20
1,2,4-Trimethylbenzene	92		98		70-130	6		20
1,4-Dioxane	98		98		56-162	0		20
p-Diethylbenzene	89		93		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908892-3 WG1908892-4								
p-Ethyltoluene	97		100		70-130	3		20
1,2,4,5-Tetramethylbenzene	72		78		70-130	8		20
Ethyl ether	96		97		59-134	1		20
trans-1,4-Dichloro-2-butene	**62**	Q	**66**	Q	70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		100		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	101		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1909287-3 WG1909287-4								
Methylene chloride	73		74		70-130	1		30
1,1-Dichloroethane	91		92		70-130	1		30
Chloroform	89		93		70-130	4		30
Carbon tetrachloride	107		106		70-130	1		30
1,2-Dichloropropane	103		101		70-130	2		30
Dibromochloromethane	110		110		70-130	0		30
1,1,2-Trichloroethane	103		104		70-130	1		30
Tetrachloroethene	94		96		70-130	2		30
Chlorobenzene	88		89		70-130	1		30
Trichlorofluoromethane	**67**	Q	**68**	Q	70-139	1		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	101		102		70-130	1		30
trans-1,3-Dichloropropene	105		106		70-130	1		30
cis-1,3-Dichloropropene	103		102		70-130	1		30
1,1-Dichloropropene	93		92		70-130	1		30
Bromoform	101		105		70-130	4		30
1,1,2,2-Tetrachloroethane	87		87		70-130	0		30
Benzene	92		92		70-130	0		30
Toluene	88		90		70-130	2		30
Ethylbenzene	87		89		70-130	2		30
Chloromethane	104		106		52-130	2		30
Bromomethane	**55**	Q	**55**	Q	57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1909287-3 WG1909287-4								
Vinyl chloride	76		76		67-130	0		30
Chloroethane	60		61		50-151	2		30
1,1-Dichloroethene	**62**	Q	**62**	Q	65-135	0		30
trans-1,2-Dichloroethene	83		82		70-130	1		30
Trichloroethene	99		101		70-130	2		30
1,2-Dichlorobenzene	86		90		70-130	5		30
1,3-Dichlorobenzene	84		86		70-130	2		30
1,4-Dichlorobenzene	82		86		70-130	5		30
Methyl tert butyl ether	98		97		66-130	1		30
p/m-Xylene	84		85		70-130	1		30
o-Xylene	84		86		70-130	2		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Dibromomethane	91		91		70-130	0		30
Styrene	88		88		70-130	0		30
Dichlorodifluoromethane	91		91		30-146	0		30
Acetone	95		96		54-140	1		30
Carbon disulfide	59		59		59-130	0		30
2-Butanone	90		92		70-130	2		30
Vinyl acetate	102		90		70-130	13		30
4-Methyl-2-pentanone	94		96		70-130	2		30
1,2,3-Trichloropropane	88		93		68-130	6		30
2-Hexanone	96		98		70-130	2		30
Bromochloromethane	85		86		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1909287-3 WG1909287-4								
2,2-Dichloropropane	90		89		70-130	1		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	100		101		69-130	1		30
1,1,1,2-Tetrachloroethane	110		111		70-130	1		30
Bromobenzene	87		90		70-130	3		30
n-Butylbenzene	86		89		70-130	3		30
sec-Butylbenzene	84		88		70-130	5		30
tert-Butylbenzene	83		86		70-130	4		30
o-Chlorotoluene	82		88		70-130	7		30
p-Chlorotoluene	86		90		70-130	5		30
1,2-Dibromo-3-chloropropane	83		86		68-130	4		30
Hexachlorobutadiene	83		86		67-130	4		30
Isopropylbenzene	84		87		70-130	4		30
p-Isopropyltoluene	83		86		70-130	4		30
Naphthalene	89		94		70-130	5		30
Acrylonitrile	93		95		70-130	2		30
n-Propylbenzene	84		88		70-130	5		30
1,2,3-Trichlorobenzene	91		95		70-130	4		30
1,2,4-Trichlorobenzene	88		92		70-130	4		30
1,3,5-Trimethylbenzene	84		88		70-130	5		30
1,2,4-Trimethylbenzene	86		89		70-130	3		30
1,4-Dioxane	76		80		65-136	5		30
p-Diethylbenzene	83		86		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1909287-3 WG1909287-4								
p-Ethyltoluene	83		86		70-130	4		30
1,2,4,5-Tetramethylbenzene	90		93		70-130	3		30
Ethyl ether	72		71		67-130	1		30
trans-1,4-Dichloro-2-butene	103		112		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		108		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	101		100		70-130

SEMIVOLATILES

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/15/24 08:28
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	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	2000		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	160	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	210		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
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	1100		ug/kg	110	21.	1
Benzo(a)pyrene	1100		ug/kg	150	46.	1
Benzo(b)fluoranthene	1300		ug/kg	110	32.	1
Benzo(k)fluoranthene	430		ug/kg	110	30.	1
Chrysene	1000		ug/kg	110	20.	1
Acenaphthylene	32	J	ug/kg	150	29.	1
Anthracene	450		ug/kg	110	37.	1
Benzo(ghi)perylene	550		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	18.	1
Phenanthrene	1500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	530		ug/kg	150	27.	1
Pyrene	1800		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	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	86	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	220		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**16**	Q	25-120
Phenol-d6	38		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	13		10-136
4-Terphenyl-d14	40		18-120

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/15/24 07:18
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	65	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	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	32	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	410		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 11:00
Date Received: 04/11/24
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	2300		ug/kg	110	20.	1
Benzo(a)pyrene	2400		ug/kg	140	44.	1
Benzo(b)fluoranthene	3100		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	29.	1
Chrysene	2200		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	140	28.	1
Anthracene	610		ug/kg	110	36.	1
Benzo(ghi)perylene	1700		ug/kg	140	21.	1
Fluorene	110	J	ug/kg	180	18.	1
Phenanthrene	2000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	340		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	140	25.	1
Pyrene	4500		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	75.	1
Dibenzofuran	32	J	ug/kg	180	17.	1
2-Methylnaphthalene	23	J	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	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	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	28.	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
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	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	72	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	66		18-120

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/15/24 07:42
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		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	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5600		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	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	170	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	140	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
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	2500		ug/kg	110	20.	1
Benzo(a)pyrene	2500		ug/kg	140	44.	1
Benzo(b)fluoranthene	3400		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	29.	1
Chrysene	2600		ug/kg	110	19.	1
Acenaphthylene	310		ug/kg	140	28.	1
Anthracene	630		ug/kg	110	35.	1
Benzo(ghi)perylene	1500		ug/kg	140	21.	1
Fluorene	190		ug/kg	180	18.	1
Phenanthrene	2600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	140	25.	1
Pyrene	4500		ug/kg	110	18.	1
Biphenyl	26	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	110	J	ug/kg	180	17.	1
2-Methylnaphthalene	88	J	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	85.	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: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:30
Date Received: 04/11/24
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	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	290		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	71		18-120

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04 D
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/17/24 09:40
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1500	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	210	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	250	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	330	10
1,3-Dichlorobenzene	ND		ug/kg	1800	320	10
1,4-Dichlorobenzene	ND		ug/kg	1800	320	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	490	10
2,4-Dinitrotoluene	ND		ug/kg	1800	370	10
2,6-Dinitrotoluene	ND		ug/kg	1800	320	10
Fluoranthene	ND		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	180	10
Hexachlorobutadiene	ND		ug/kg	1800	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5300	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	ND		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1700	270	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	640	10
Butyl benzyl phthalate	ND		ug/kg	1800	470	10
Di-n-butylphthalate	ND		ug/kg	1800	350	10
Di-n-octylphthalate	ND		ug/kg	1800	630	10

Project Name: 244-246 GOLD ST **Lab Number:** L2419890

Project Number: 244-246 GOLD ST **Report Date:** 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04 D
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	390	10
Benzo(a)anthracene	ND		ug/kg	1100	210	10
Benzo(a)pyrene	ND		ug/kg	1500	450	10
Benzo(b)fluoranthene	ND		ug/kg	1100	310	10
Benzo(k)fluoranthene	ND		ug/kg	1100	300	10
Chrysene	270	J	ug/kg	1100	190	10
Acenaphthylene	ND		ug/kg	1500	280	10
Anthracene	ND		ug/kg	1100	360	10
Benzo(ghi)perylene	ND		ug/kg	1500	220	10
Fluorene	ND		ug/kg	1800	180	10
Phenanthrene	ND		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1500	260	10
Pyrene	240	J	ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4200	240	10
4-Chloroaniline	ND		ug/kg	1800	340	10
2-Nitroaniline	ND		ug/kg	1800	360	10
3-Nitroaniline	ND		ug/kg	1800	350	10
4-Nitroaniline	ND		ug/kg	1800	760	10
Dibenzofuran	ND		ug/kg	1800	170	10
2-Methylnaphthalene	ND		ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	350	10
p-Chloro-m-cresol	ND		ug/kg	1800	280	10
2-Chlorophenol	ND		ug/kg	1800	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1800	610	10
2-Nitrophenol	ND		ug/kg	4000	700	10
4-Nitrophenol	ND		ug/kg	2600	750	10
2,4-Dinitrophenol	ND		ug/kg	8900	860	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	890	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1800	280	10
2-Methylphenol	ND		ug/kg	1800	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	290	10

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04 D
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	1800	350	10
Benzoic Acid	ND		ug/kg	6000	1900	10
Benzyl Alcohol	ND		ug/kg	1800	560	10
Carbazole	ND		ug/kg	1800	180	10
1,4-Dioxane	ND		ug/kg	280	85.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	74		18-120

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/14/24 21:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908490-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/14/24 21:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908490-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/14/24 21:28
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/14/24 10:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908490-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
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	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908490-2 WG1908490-3								
Acenaphthene	63		79		31-137	23		50
1,2,4-Trichlorobenzene	56		68		38-107	19		50
Hexachlorobenzene	54		70		40-140	26		50
Bis(2-chloroethyl)ether	58		71		40-140	20		50
2-Chloronaphthalene	58		73		40-140	23		50
1,2-Dichlorobenzene	56		70		40-140	22		50
1,3-Dichlorobenzene	55		68		40-140	21		50
1,4-Dichlorobenzene	55		69		28-104	23		50
3,3'-Dichlorobenzidine	56		66		40-140	16		50
2,4-Dinitrotoluene	68		87		40-132	25		50
2,6-Dinitrotoluene	64		80		40-140	22		50
Fluoranthene	62		77		40-140	22		50
4-Chlorophenyl phenyl ether	62		77		40-140	22		50
4-Bromophenyl phenyl ether	61		75		40-140	21		50
Bis(2-chloroisopropyl)ether	52		62		40-140	18		50
Bis(2-chloroethoxy)methane	61		74		40-117	19		50
Hexachlorobutadiene	63		80		40-140	24		50
Hexachlorocyclopentadiene	**16**	Q	**20**	Q	40-140	22		50
Hexachloroethane	58		73		40-140	23		50
Isophorone	57		70		40-140	20		50
Naphthalene	62		77		40-140	22		50
Nitrobenzene	63		76		40-140	19		50
NDPA/DPA	61		78		36-157	24		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908490-2 WG1908490-3								
n-Nitrosodi-n-propylamine	60		72		32-121	18		50
Bis(2-ethylhexyl)phthalate	79		102		40-140	25		50
Butyl benzyl phthalate	68		89		40-140	27		50
Di-n-butylphthalate	70		86		40-140	21		50
Di-n-octylphthalate	80		101		40-140	23		50
Diethyl phthalate	62		77		40-140	22		50
Dimethyl phthalate	58		71		40-140	20		50
Benzo(a)anthracene	64		81		40-140	23		50
Benzo(a)pyrene	64		84		40-140	27		50
Benzo(b)fluoranthene	63		87		40-140	32		50
Benzo(k)fluoranthene	64		78		40-140	20		50
Chrysene	63		80		40-140	24		50
Acenaphthylene	59		71		40-140	18		50
Anthracene	69		84		40-140	20		50
Benzo(ghi)perylene	61		81		40-140	28		50
Fluorene	60		75		40-140	22		50
Phenanthrene	67		81		40-140	19		50
Dibenzo(a,h)anthracene	65		83		40-140	24		50
Indeno(1,2,3-cd)pyrene	66		84		40-140	24		50
Pyrene	62		79		35-142	24		50
Biphenyl	61		77		37-127	23		50
4-Chloroaniline	45		40		40-140	12		50
2-Nitroaniline	68		82		47-134	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908490-2 WG1908490-3								
3-Nitroaniline	53		62		26-129	16		50
4-Nitroaniline	57		72		41-125	23		50
Dibenzofuran	61		78		40-140	24		50
2-Methylnaphthalene	62		77		40-140	22		50
1,2,4,5-Tetrachlorobenzene	61		76		40-117	22		50
Acetophenone	69		85		14-144	21		50
2,4,6-Trichlorophenol	60		75		30-130	22		50
p-Chloro-m-cresol	60		73		26-103	20		50
2-Chlorophenol	59		73		25-102	21		50
2,4-Dichlorophenol	59		73		30-130	21		50
2,4-Dimethylphenol	61		75		30-130	21		50
2-Nitrophenol	68		83		30-130	20		50
4-Nitrophenol	47		66		11-114	34		50
2,4-Dinitrophenol	28		45		4-130	47		50
4,6-Dinitro-o-cresol	57		76		10-130	29		50
Pentachlorophenol	43		56		17-109	26		50
Phenol	64		80		26-90	22		50
2-Methylphenol	60		74		30-130.	21		50
3-Methylphenol/4-Methylphenol	60		73		30-130	20		50
2,4,5-Trichlorophenol	59		73		30-130	21		50
Benzoic Acid	11		14		10-110	24		50
Benzyl Alcohol	60		73		40-140	20		50
Carbazole	67		83		54-128	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908490-2 WG1908490-3								
1,4-Dioxane	44		55		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		69		25-120
Phenol-d6	54		69		10-120
Nitrobenzene-d5	58		73		23-120
2-Fluorobiphenyl	56		70		30-120
2,4,6-Tribromophenol	51		66		10-136
4-Terphenyl-d14	57		73		18-120

PCBS

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/15/24 12:52
Analyst: MHG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 03:28
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.25	1	A
Aroclor 1248	ND		ug/kg	53.8	8.07	1	A
Aroclor 1254	ND		ug/kg	53.8	5.88	1	A
Aroclor 1260	ND		ug/kg	53.8	9.94	1	A
Aroclor 1262	ND		ug/kg	53.8	6.83	1	A
Aroclor 1268	ND		ug/kg	53.8	5.57	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/15/24 13:03
Analyst: MHG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 03:28
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/15/24 13:15
Analyst: MHG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 03:28
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.3	4.73	1	A
Aroclor 1221	ND		ug/kg	53.3	5.34	1	A
Aroclor 1232	ND		ug/kg	53.3	11.3	1	A
Aroclor 1242	ND		ug/kg	53.3	7.18	1	A
Aroclor 1248	33.1	J	ug/kg	53.3	8.00	1	A
Aroclor 1254	78.4		ug/kg	53.3	5.83	1	B
Aroclor 1260	29.1	J	ug/kg	53.3	9.85	1	A
Aroclor 1262	ND		ug/kg	53.3	6.77	1	A
Aroclor 1268	12.4	J	ug/kg	53.3	5.52	1	A
PCBs, Total	153	J	ug/kg	53.3	4.73	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/15/24 13:26
Analyst: MHG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 03:28
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.70	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.14	1	A
Aroclor 1248	ND		ug/kg	53.0	7.94	1	A
Aroclor 1254	ND		ug/kg	53.0	5.79	1	A
Aroclor 1260	ND		ug/kg	53.0	9.79	1	A
Aroclor 1262	ND		ug/kg	53.0	6.72	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/14/24 10:41
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 04/13/24 20:43
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1908413-1						
Aroclor 1016	ND		ug/kg	49.0	4.35	A
Aroclor 1221	ND		ug/kg	49.0	4.91	A
Aroclor 1232	ND		ug/kg	49.0	10.4	A
Aroclor 1242	ND		ug/kg	49.0	6.60	A
Aroclor 1248	ND		ug/kg	49.0	7.34	A
Aroclor 1254	ND		ug/kg	49.0	5.36	A
Aroclor 1260	ND		ug/kg	49.0	9.05	A
Aroclor 1262	ND		ug/kg	49.0	6.22	A
Aroclor 1268	ND		ug/kg	49.0	5.07	A
PCBs, Total	ND		ug/kg	49.0	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	122		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1908413-2 WG1908413-3									
Aroclor 1016	76		76		40-140	0		50	A
Aroclor 1260	72		73		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		82		30-150	A
Decachlorobiphenyl	109		103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		83		30-150	B
Decachlorobiphenyl	113		107		30-150	B

PESTICIDES

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/15/24 09:22
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.692	1	A
Heptachlor	ND		ug/kg	0.913	0.409	1	A
Aldrin	1.71	J	ug/kg	1.83	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	B
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	3.60		ug/kg	1.14	0.571	1	A
4,4'-DDE	3.53		ug/kg	1.83	0.422	1	B
4,4'-DDD	ND	IP	ug/kg	1.83	0.651	1	B
4,4'-DDT	4.09		ug/kg	1.83	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.431	1	A
Endosulfan II	ND		ug/kg	1.83	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.59	1	A
cis-Chlordane	8.96		ug/kg	2.28	0.636	1	A
trans-Chlordane	4.96	IP	ug/kg	2.28	0.603	1	B
Chlordane	66.1		ug/kg	15.2	6.05	1	A

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/15/24 09:35
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.955	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	0.686	JIP	ug/kg	1.06	0.530	1	B
4,4'-DDE	3.57		ug/kg	1.70	0.393	1	A
4,4'-DDD	4.59		ug/kg	1.70	0.606	1	A
4,4'-DDT	4.89		ug/kg	1.70	1.36	1	B
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	1.28	JIP	ug/kg	2.12	0.591	1	B
trans-Chlordane	2.04	JIP	ug/kg	2.12	0.560	1	B
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/15/24 09:47
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	7.46		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	5.93		ug/kg	1.09	0.544	1	A
4,4'-DDE	31.2		ug/kg	1.74	0.402	1	B
4,4'-DDD	174		ug/kg	1.74	0.621	1	A
4,4'-DDT	12.2	IP	ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	7.88		ug/kg	2.18	0.606	1	A
trans-Chlordane	8.97		ug/kg	2.18	0.574	1	B
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**315**	Q	30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/15/24 10:00
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.962	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	1.03	J	ug/kg	1.07	0.534	1	A
4,4'-DDE	2.93		ug/kg	1.71	0.395	1	A
4,4'-DDD	2.53		ug/kg	1.71	0.610	1	B
4,4'-DDT	4.00		ug/kg	1.71	1.37	1	B
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.997	1	A
Toxaphene	ND		ug/kg	32.0	8.98	1	A
cis-Chlordane	1.81	JIP	ug/kg	2.14	0.596	1	B
trans-Chlordane	1.62	JIP	ug/kg	2.14	0.564	1	B
Chlordane	18.7	IP	ug/kg	14.2	5.66	1	B

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/15/24 08:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1908436-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/15/24 08:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 04/14/24 04:30
Cleanup Method: EPA 3620B
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1908436-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1908436-2 WG1908436-3									
Delta-BHC	84		95		30-150	12		30	A
Lindane	81		94		30-150	15		30	A
Alpha-BHC	82		95		30-150	15		30	A
Beta-BHC	85		97		30-150	13		30	A
Heptachlor	80		93		30-150	15		30	A
Aldrin	79		91		30-150	14		30	A
Heptachlor epoxide	74		86		30-150	15		30	A
Endrin	84		97		30-150	14		30	A
Endrin aldehyde	74		84		30-150	13		30	A
Endrin ketone	85		98		30-150	14		30	A
Dieldrin	88		103		30-150	16		30	A
4,4'-DDE	81		93		30-150	14		30	A
4,4'-DDD	86		100		30-150	15		30	A
4,4'-DDT	81		94		30-150	15		30	A
Endosulfan I	81		92		30-150	13		30	A
Endosulfan II	83		95		30-150	13		30	A
Endosulfan sulfate	79		91		30-150	14		30	A
Methoxychlor	81		94		30-150	15		30	A
cis-Chlordane	77		87		30-150	12		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1908436-2 WG1908436-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		80		30-150	A
Decachlorobiphenyl	79		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		92		30-150	B
Decachlorobiphenyl	86		102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1908436-2 WG1908436-3									
trans-Chlordane	86		100		30-150	15		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		80		30-150	A
Decachlorobiphenyl	79		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		92		30-150	B
Decachlorobiphenyl	86		102		30-150	B

METALS

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9420		mg/kg	8.99	2.43	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Antimony, Total	1.08	J	mg/kg	4.50	0.342	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.79		mg/kg	0.899	0.187	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Barium, Total	143		mg/kg	0.899	0.156	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.442	J	mg/kg	0.450	0.030	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.378	J	mg/kg	0.899	0.088	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Calcium, Total	4700		mg/kg	8.99	3.15	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Chromium, Total	17.1		mg/kg	0.899	0.086	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.46		mg/kg	1.80	0.149	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Copper, Total	56.4		mg/kg	0.899	0.232	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Iron, Total	14300		mg/kg	4.50	0.812	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Lead, Total	287		mg/kg	4.50	0.241	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Magnesium, Total	2010		mg/kg	8.99	1.38	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Manganese, Total	225		mg/kg	0.899	0.143	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Mercury, Total	0.278		mg/kg	0.075	0.049	1	04/13/24 11:25	04/13/24 16:11	EPA 7471B	1,7471B	DJR
Nickel, Total	12.6		mg/kg	2.25	0.218	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Potassium, Total	515		mg/kg	225	12.9	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Selenium, Total	0.681	J	mg/kg	1.80	0.232	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.450	0.254	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Sodium, Total	77.6	J	mg/kg	180	2.83	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.80	0.283	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.2		mg/kg	0.899	0.182	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF
Zinc, Total	153		mg/kg	4.50	0.263	2	04/13/24 10:40	04/13/24 21:47	EPA 3050B	1,6010D	JMF

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 11:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7130		mg/kg	8.47	2.29	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Antimony, Total	0.601	J	mg/kg	4.24	0.322	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.04		mg/kg	0.847	0.176	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Barium, Total	148		mg/kg	0.847	0.147	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.409	J	mg/kg	0.424	0.028	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.180	J	mg/kg	0.847	0.083	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Calcium, Total	1440		mg/kg	8.47	2.96	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Chromium, Total	28.0		mg/kg	0.847	0.081	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.99		mg/kg	1.69	0.141	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Copper, Total	19.6		mg/kg	0.847	0.219	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Iron, Total	15300		mg/kg	4.24	0.765	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Lead, Total	260		mg/kg	4.24	0.227	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Magnesium, Total	1940		mg/kg	8.47	1.30	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Manganese, Total	317		mg/kg	0.847	0.135	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Mercury, Total	0.117		mg/kg	0.071	0.046	1	04/13/24 11:25	04/13/24 16:14	EPA 7471B	1,7471B	DJR
Nickel, Total	12.2		mg/kg	2.12	0.205	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Potassium, Total	924		mg/kg	212	12.2	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.219	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.424	0.240	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Sodium, Total	326		mg/kg	169	2.67	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Thallium, Total	0.375	J	mg/kg	1.69	0.267	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.1		mg/kg	0.847	0.172	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF
Zinc, Total	111		mg/kg	4.24	0.248	2	04/13/24 10:40	04/13/24 22:20	EPA 3050B	1,6010D	JMF

Project Name: 244-246 GOLD ST
Lab Number: L2419890
Project Number: 244-246 GOLD ST
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4570		mg/kg	8.39	2.26	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Antimony, Total	3.18	J	mg/kg	4.19	0.319	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Arsenic, Total	14.8		mg/kg	0.839	0.174	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Barium, Total	481		mg/kg	0.839	0.146	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.274	J	mg/kg	0.419	0.028	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.97		mg/kg	0.839	0.082	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Calcium, Total	16700		mg/kg	8.39	2.94	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Chromium, Total	18.0		mg/kg	0.839	0.081	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.40		mg/kg	1.68	0.139	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Copper, Total	131		mg/kg	0.839	0.216	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Iron, Total	12700		mg/kg	4.19	0.757	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Lead, Total	1340		mg/kg	4.19	0.225	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Magnesium, Total	2920		mg/kg	8.39	1.29	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Manganese, Total	175		mg/kg	0.839	0.133	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Mercury, Total	1.99		mg/kg	0.070	0.045	1	04/13/24 11:25	04/13/24 16:18	EPA 7471B	1,7471B	DJR
Nickel, Total	17.8		mg/kg	2.10	0.203	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Potassium, Total	565		mg/kg	210	12.1	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Selenium, Total	1.14	J	mg/kg	1.68	0.216	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Silver, Total	0.446		mg/kg	0.419	0.237	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Sodium, Total	124	J	mg/kg	168	2.64	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.68	0.264	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.3		mg/kg	0.839	0.170	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF
Zinc, Total	692		mg/kg	4.19	0.246	2	04/13/24 10:40	04/13/24 22:25	EPA 3050B	1,6010D	JMF

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY
Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	2610		mg/kg	8.65	2.33	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.32	0.328	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.36		mg/kg	0.865	0.180	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Barium, Total	20.1		mg/kg	0.865	0.150	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.169	J	mg/kg	0.432	0.029	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.865	0.085	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Calcium, Total	2300		mg/kg	8.65	3.03	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Chromium, Total	7.36		mg/kg	0.865	0.083	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.41		mg/kg	1.73	0.144	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Copper, Total	8.55		mg/kg	0.865	0.223	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Iron, Total	9450		mg/kg	4.32	0.781	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Lead, Total	6.81		mg/kg	4.32	0.232	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	1580		mg/kg	8.65	1.33	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Manganese, Total	211		mg/kg	0.865	0.137	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	04/13/24 11:25	04/13/24 16:27	EPA 7471B	1,7471B	DJR
Nickel, Total	7.08		mg/kg	2.16	0.209	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Potassium, Total	478		mg/kg	216	12.4	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.73	0.223	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.432	0.245	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Sodium, Total	67.0	J	mg/kg	173	2.72	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.73	0.272	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.8		mg/kg	0.865	0.176	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF
Zinc, Total	23.1		mg/kg	4.32	0.253	2	04/13/24 10:40	04/13/24 22:30	EPA 3050B	1,6010D	JMF

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

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): 01-04 Batch: WG1908027-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Chromium, Total	0.246	J	mg/kg	0.400	0.038	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Iron, Total	2.12		mg/kg	2.00	0.361	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Manganese, Total	0.089	J	mg/kg	0.400	0.064	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Nickel, Total	0.416	J	mg/kg	1.00	0.097	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Sodium, Total	21.2	J	mg/kg	80.0	1.26	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/13/24 10:40	04/13/24 20:47	1,6010D	JMF

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): 01-04 Batch: WG1908029-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/13/24 11:25	04/13/24 15:48	1,7471B	DJR

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2419890
Report Date: 04/18/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908027-2								
Aluminum, Total	103		-		80-120	-		
Antimony, Total	110		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	109		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	107		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	110		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908027-2					
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908029-2					
Mercury, Total	103	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

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): 01-04 QC Batch ID: WG1908027-3 QC Sample: L2419890-01 Client ID: LSI-SB-1 (1-3)												
Aluminum, Total	9420	183	8760	**0**	Q	-	-		75-125	-		20
Antimony, Total	1.08J	45.7	44.4	97		-	-		75-125	-		20
Arsenic, Total	5.79	11	17.2	104		-	-		75-125	-		20
Barium, Total	143	183	307	90		-	-		75-125	-		20
Beryllium, Total	0.442J	4.57	4.88	107		-	-		75-125	-		20
Cadmium, Total	0.378J	4.84	4.88	101		-	-		75-125	-		20
Calcium, Total	4700	913	13500	**963**	Q	-	-		75-125	-		20
Chromium, Total	17.1	18.3	34.6	96		-	-		75-125	-		20
Cobalt, Total	4.46	45.7	48.5	96		-	-		75-125	-		20
Copper, Total	56.4	22.8	72.7	**71**	Q	-	-		75-125	-		20
Iron, Total	14300	91.3	16100	**1970**	Q	-	-		75-125	-		20
Lead, Total	287	48.4	306	**39**	Q	-	-		75-125	-		20
Magnesium, Total	2010	913	4840	**310**	Q	-	-		75-125	-		20
Manganese, Total	225	45.7	302	**168**	Q	-	-		75-125	-		20
Nickel, Total	12.6	45.7	57.8	99		-	-		75-125	-		20
Potassium, Total	515	913	1560	114		-	-		75-125	-		20
Selenium, Total	0.681J	11	11.5	105		-	-		75-125	-		20
Silver, Total	ND	4.57	4.93	108		-	-		75-125	-		20
Sodium, Total	77.6J	913	1040	114		-	-		75-125	-		20
Thallium, Total	ND	11	11.2	102		-	-		75-125	-		20
Vanadium, Total	27.2	45.7	76.1	107		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

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): 01-04 QC Batch ID: WG1908027-3 QC Sample: L2419890-01 Client ID: LSI-SB-1 (1-3)										
Zinc, Total	153	45.7	182	**63**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908029-3 QC Sample: L2419999-01 Client ID: MS Sample										
Mercury, Total	0.904	1.52	2.43	101		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908027-4 QC Sample: L2419890-01 Client ID: LSI-SB-1 (1-3)						
Aluminum, Total	9420	8480	mg/kg	11		20
Antimony, Total	1.08J	0.838J	mg/kg	NC		20
Arsenic, Total	5.79	5.32	mg/kg	8		20
Barium, Total	143	134	mg/kg	6		20
Beryllium, Total	0.442J	0.422J	mg/kg	NC		20
Cadmium, Total	0.378J	0.326J	mg/kg	NC		20
Calcium, Total	4700	7520	mg/kg	**46**	Q	20
Chromium, Total	17.1	16.2	mg/kg	5		20
Cobalt, Total	4.46	4.31	mg/kg	3		20
Copper, Total	56.4	44.5	mg/kg	**24**	Q	20
Iron, Total	14300	12300	mg/kg	15		20
Lead, Total	287	235	mg/kg	20		20
Magnesium, Total	2010	2490	mg/kg	**21**	Q	20
Manganese, Total	225	216	mg/kg	4		20
Nickel, Total	12.6	11.2	mg/kg	12		20
Potassium, Total	515	479	mg/kg	7		20
Selenium, Total	0.681J	0.509J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	77.6J	89.1J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908027-4 QC Sample: L2419890-01 Client ID: LSI-SB-1 (1-3)						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	27.2	26.3	mg/kg	3		20
Zinc, Total	153	136	mg/kg	12		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908029-4 QC Sample: L2419999-01 Client ID: DUP Sample						
Mercury, Total	0.904	1.19	mg/kg	**27**	Q	20

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2419890
Report Date: 04/18/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908027-6 QC Sample: L2419890-01 Client ID: LSI-SB-1 (1-3)						
Aluminum, Total	9420	9440	mg/kg	0		20
Barium, Total	143	145	mg/kg	1		20
Calcium, Total	4700	4810	mg/kg	2		20
Copper, Total	56.4	55.2	mg/kg	2		20
Iron, Total	14300	15100	mg/kg	6		20
Lead, Total	287	281	mg/kg	2		20
Magnesium, Total	2010	2070	mg/kg	3		20
Manganese, Total	225	231	mg/kg	3		20
Vanadium, Total	27.2	27.7	mg/kg	2		20
Zinc, Total	153	159	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-01
Client ID: LSI-SB-1 (1-3)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:00
Date Received: 04/11/24
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	86.0		%	0.100	NA	1	-	04/12/24 11:06	121,2540G	ROI

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-02
Client ID: LSI-SB-2 (3-5)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 11:00
Date Received: 04/11/24
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	90.5		%	0.100	NA	1	-	04/12/24 11:06	121,2540G	ROI

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-03
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
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	90.8		%	0.100	NA	1	-	04/12/24 11:06	121,2540G	ROI

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2419890-04
Client ID: LSI-SB-4 (5-7)
Sample Location: BKLYN, NY

Date Collected: 04/11/24 12:00
Date Received: 04/11/24
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	88.9		%	0.100	NA	1	-	04/12/24 11:06	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2419890

Report Date: 04/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1907873-1 QC Sample: L2420026-01 Client ID: DUP Sample						
Solids, Total	83.4	84.2	%	1		20

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2419890
Report Date: 04/18/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419890-01A	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-01B	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-01C	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-01D	Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2419890-01E	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L2419890-01F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2419890-01X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-01Y	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-01Z	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-02A	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-02B	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-02C	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-02D	Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),CU-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),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2419890-02E	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L2419890-02F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2419890-02X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-02Y	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419890-02Z	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-03A	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-03B	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-03C	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-03D	Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2419890-03E	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L2419890-03F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2419890-03X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-03Y	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-03Z	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-04A	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-04B	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-04C	5 gram Encore Sampler	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-04D	Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2419890-04E	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L2419890-04F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2419890-04X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L2419890-04Y	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-04Z	Vial Water preserved split	A	NA		4.7	Y	Absent	12-APR-24 13:16	NYTCL-8260HLW(14)
L2419890-05A	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L2419890-05B	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

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:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

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:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	244-246 GOLD ST	**Lab Number:**	L2419890
Project Number:	244-246 GOLD ST	**Report Date:**	04/18/24

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.

NEW YORK CHAIN OF CUSTODY

ALPHA

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

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

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

Page 1 of 1

Date Rec'd in Lab: 4/12/24

ALPHA Job #: L2419890

Client Information
Client: TEMEN-ENVIRONMENTAL
Address: NEW YORK, NY
Phone: ~~718-864-6878~~ (TEC)
Fax:
Email: MAHMED/VCHANG@TEMEN-ENG.COM

Project Information
Project Name: 244-246 GOLD ST
Project Location: BKLYN, NY
Project #:
(Use Project name as Project #) ☒
Project Manager: M. AHMED/A. PLATT/V. CHANG
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
ADD "LSI-" AS PREFIX TO SAMPLE ID/ CLOSE SRG.

Please specify Metals or TAL.
TAL METALS

ANALYSIS
TCL VOCs | TCL SVOCs | TAL Metals | PESTS/PCBs

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	PESTS/PCBs	Sample Specific Comments
19890-01	LSI-SB-1 (1-3)	4/11/2024	1000	SOIL	VC	X	X	X	X	VOC grab @ 2'
02	LSI-SB-2 (3-5)		1100			X	X	X	X	VOC grab @ 3.5'
03	LSI-SB-3 (0-2)		1030			X	X	X	X	VOC grab @ 1.5'
04	LSI-SB-4 (5-7)		1200			X	X	X	X	VOC grab @ 6'
05	TRIP BLANK			AQ	LAB	X				

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

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

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

Container Type	E	A	A	A				
Preservative	A	A	A	A				

Relinquished By:	Date/Time	Received By:	Date/Time
	4/11/2024 1530	MPZN	4/11 15:30
MPZN	4/11 2045	Anthony Green	APR 11 2024 2045
Anthony Green	4/12/24 0030		4/12/24 0030
	4/12/24 0240		4/12/24 0240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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

ANALYTICAL REPORT

Lab Number:	L2420164
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	246 GOLD ST
Project Number:	246 GOLD ST
Report Date:	04/19/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420164-01	LSI-TW1	WATER	246 GOLD ST, BROOKLYN, NY	04/12/24 08:50	04/12/24
L2420164-02	LSI-TW2	WATER	246 GOLD ST, BROOKLYN, NY	04/12/24 10:00	04/12/24
L2420164-03	TRIP BLANK	WATER	246 GOLD ST, BROOKLYN, NY	04/12/24 00:00	04/12/24

Project Name:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

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:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2420164-01 and -02: Sample containers for Dissolved Metals were received, but were not listed on the chain of custody. At the client's request, the analysis was performed.

L2420164-03: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

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: 04/19/24

ORGANICS

VOLATILES

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/16/24 00:11
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
1,1,2,2-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: 246 GOLD ST **Lab Number:** L2420164

Project Number: 246 GOLD ST **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01 Date Collected: 04/12/24 08:50

Client ID: LSI-TW1 Date Received: 04/12/24

Sample Location: 246 GOLD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 08:50
Date Received: 04/12/24
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	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/16/24 00:35
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	0.30	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
1,1,2,2-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: 246 GOLD ST **Lab Number:** L2420164

Project Number: 246 GOLD ST **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02 Date Collected: 04/12/24 10:00

Client ID: LSI-TW2 Date Received: 04/12/24

Sample Location: 246 GOLD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
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	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-03
Client ID: TRIP BLANK
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 00:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/16/24 00:59
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
1,1,2,2-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: 246 GOLD ST **Lab Number:** L2420164

Project Number: 246 GOLD ST **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-03 Date Collected: 04/12/24 00:00

Client ID: TRIP BLANK Date Received: 04/12/24

Sample Location: 246 GOLD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-03
Client ID: TRIP BLANK
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 00:00
Date Received: 04/12/24
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	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:44
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1909303-5					
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: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:44
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1909303-5					
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: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 21:44
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1909303-5					
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	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1909303-3 WG1909303-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	98		94		70-130	4		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	80		82		63-130	2		20
1,1,2-Trichloroethane	85		86		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	98		98		70-130	0		20
1,1,1-Trichloroethane	98		98		67-130	0		20
Bromodichloromethane	88		90		67-130	2		20
trans-1,3-Dichloropropene	78		81		70-130	4		20
cis-1,3-Dichloropropene	86		92		70-130	7		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	78		81		54-136	4		20
1,1,2,2-Tetrachloroethane	92		98		67-130	6		20
Benzene	96		96		70-130	0		20
Toluene	99		99		70-130	0		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	120		110		64-130	9		20
Bromomethane	**36**	Q	**38**	Q	39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1909303-3 WG1909303-4								
Vinyl chloride	120		110		55-140	9		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	95		94		70-130	1		20
1,2-Dichlorobenzene	94		96		70-130	2		20
1,3-Dichlorobenzene	95		96		70-130	1		20
1,4-Dichlorobenzene	93		95		70-130	2		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		92		70-130	2		20
1,2,3-Trichloropropane	90		97		64-130	7		20
Acrylonitrile	110		100		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	130		120		36-147	8		20
Acetone	110		100		58-148	10		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	93		100		63-138	7		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	83		90		59-130	8		20
2-Hexanone	78		86		57-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1909303-3 WG1909303-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	96		95		63-133	1		20
1,2-Dibromoethane	90		90		70-130	0		20
1,3-Dichloropropane	93		95		70-130	2		20
1,1,1,2-Tetrachloroethane	86		86		64-130	0		20
Bromobenzene	92		95		70-130	3		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	98		84		70-130	15		20
o-Chlorotoluene	96		98		70-130	2		20
p-Chlorotoluene	91		94		70-130	3		20
1,2-Dibromo-3-chloropropane	73		79		41-144	8		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	95		99		70-130	4		20
p-Isopropyltoluene	98		97		70-130	1		20
Naphthalene	81		85		70-130	5		20
n-Propylbenzene	99		100		69-130	1		20
1,2,3-Trichlorobenzene	93		97		70-130	4		20
1,2,4-Trichlorobenzene	95		96		70-130	1		20
1,3,5-Trimethylbenzene	94		96		64-130	2		20
1,2,4-Trimethylbenzene	94		96		70-130	2		20
1,4-Dioxane	92		92		56-162	0		20
p-Diethylbenzene	93		95		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1909303-3 WG1909303-4								
p-Ethyltoluene	95		97		70-130	2		20
1,2,4,5-Tetramethylbenzene	89		92		70-130	3		20
Ethyl ether	97		100		59-134	3		20
trans-1,4-Dichloro-2-butene	78		84		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	102		98		70-130

SEMIVOLATILES

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/16/24 06:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 246 GOLD ST **Lab Number:** L2420164

Project Number: 246 GOLD ST **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01 Date Collected: 04/12/24 08:50

Client ID: LSI-TW1 Date Received: 04/12/24

Sample Location: 246 GOLD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	46		41-149

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/15/24 16:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	47		41-149

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/16/24 06:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	51		41-149

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/15/24 16:45
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.01	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	0.03	J	ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.43		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	50		41-149

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/16/24 01:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1908718-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/16/24 01:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1908718-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/16/24 01:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1908718-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	46		41-149

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/15/24 16:12
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1908719-1					
Acenaphthene	0.02	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.05	J	ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/15/24 16:12
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/15/24 08:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1908719-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	56		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1908718-2 WG1908718-3								
Acenaphthene	69		61		37-111	12		30
1,2,4-Trichlorobenzene	61		54		39-98	12		30
Hexachlorobenzene	67		63		40-140	6		30
Bis(2-chloroethyl)ether	64		62		40-140	3		30
2-Chloronaphthalene	68		58		40-140	16		30
1,2-Dichlorobenzene	64		60		40-140	6		30
1,3-Dichlorobenzene	63		57		40-140	10		30
1,4-Dichlorobenzene	62		59		36-97	5		30
3,3'-Dichlorobenzidine	65		58		40-140	11		30
2,4-Dinitrotoluene	73		66		48-143	10		30
2,6-Dinitrotoluene	73		61		40-140	18		30
Fluoranthene	67		59		40-140	13		30
4-Chlorophenyl phenyl ether	69		61		40-140	12		30
4-Bromophenyl phenyl ether	66		62		40-140	6		30
Bis(2-chloroisopropyl)ether	65		59		40-140	10		30
Bis(2-chloroethoxy)methane	71		64		40-140	10		30
Hexachlorobutadiene	62		53		40-140	16		30
Hexachlorocyclopentadiene	66		55		40-140	18		30
Hexachloroethane	64		61		40-140	5		30
Isophorone	70		63		40-140	11		30
Naphthalene	68		60		40-140	13		30
Nitrobenzene	71		62		40-140	14		30
NDPA/DPA	72		66		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1908718-2 WG1908718-3								
n-Nitrosodi-n-propylamine	68		64		29-132	6		30
Bis(2-ethylhexyl)phthalate	73		63		40-140	15		30
Butyl benzyl phthalate	72		65		40-140	10		30
Di-n-butylphthalate	73		64		40-140	13		30
Di-n-octylphthalate	72		63		40-140	13		30
Diethyl phthalate	76		68		40-140	11		30
Dimethyl phthalate	73		63		40-140	15		30
Benzo(a)anthracene	69		59		40-140	16		30
Benzo(a)pyrene	69		61		40-140	12		30
Benzo(b)fluoranthene	69		63		40-140	9		30
Benzo(k)fluoranthene	68		62		40-140	9		30
Chrysene	69		61		40-140	12		30
Acenaphthylene	66		56		45-123	16		30
Anthracene	67		59		40-140	13		30
Benzo(ghi)perylene	66		58		40-140	13		30
Fluorene	69		63		40-140	9		30
Phenanthrene	68		59		40-140	14		30
Dibenzo(a,h)anthracene	68		61		40-140	11		30
Indeno(1,2,3-cd)pyrene	64		56		40-140	13		30
Pyrene	68		60		26-127	13		30
Biphenyl	70		60		40-140	15		30
4-Chloroaniline	64		63		40-140	2		30
2-Nitroaniline	77		66		52-143	15		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1908718-2 WG1908718-3								
3-Nitroaniline	76		66		25-145	14		30
4-Nitroaniline	72		69		51-143	4		30
Dibenzofuran	67		62		40-140	8		30
2-Methylnaphthalene	68		59		40-140	14		30
1,2,4,5-Tetrachlorobenzene	66		55		2-134	18		30
Acetophenone	67		61		39-129	9		30
2,4,6-Trichlorophenol	69		59		30-130	16		30
p-Chloro-m-cresol	78		67		23-97	15		30
2-Chlorophenol	70		62		27-123	12		30
2,4-Dichlorophenol	67		62		30-130	8		30
2,4-Dimethylphenol	73		63		30-130	15		30
2-Nitrophenol	70		68		30-130	3		30
4-Nitrophenol	79		69		10-80	14		30
2,4-Dinitrophenol	67		68		20-130	1		30
4,6-Dinitro-o-cresol	78		75		20-164	4		30
Pentachlorophenol	58		52		9-103	11		30
Phenol	54		46		12-110	16		30
2-Methylphenol	65		59		30-130	10		30
3-Methylphenol/4-Methylphenol	69		60		30-130	14		30
2,4,5-Trichlorophenol	72		60		30-130	18		30
Benzoic Acid	34		36		10-164	6		30
Benzyl Alcohol	67		58		26-116	14		30
Carbazole	69		60		55-144	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1908718-2 WG1908718-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		59		21-120
Phenol-d6	53		48		10-120
Nitrobenzene-d5	75		64		23-120
2-Fluorobiphenyl	70		58		15-120
2,4,6-Tribromophenol	66		65		10-120
4-Terphenyl-d14	65		58		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1908719-2 WG1908719-3								
Acenaphthene	64		58		40-140	10		40
2-Chloronaphthalene	58		54		40-140	7		40
Fluoranthene	60		55		40-140	9		40
Hexachlorobutadiene	63		59		40-140	7		40
Naphthalene	59		56		40-140	5		40
Benzo(a)anthracene	71		64		40-140	10		40
Benzo(a)pyrene	61		54		40-140	12		40
Benzo(b)fluoranthene	64		55		40-140	15		40
Benzo(k)fluoranthene	61		55		40-140	10		40
Chrysene	67		60		40-140	11		40
Acenaphthylene	59		54		40-140	9		40
Anthracene	66		61		40-140	8		40
Benzo(ghi)perylene	57		52		40-140	9		40
Fluorene	65		59		40-140	10		40
Phenanthrene	64		58		40-140	10		40
Dibenzo(a,h)anthracene	56		52		40-140	7		40
Indeno(1,2,3-cd)pyrene	62		56		40-140	10		40
Pyrene	60		54		40-140	11		40
2-Methylnaphthalene	57		52		40-140	9		40
Pentachlorophenol	77		68		40-140	12		40
Hexachlorobenzene	72		66		40-140	9		40
Hexachloroethane	60		55		40-140	9		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1908719-2 WG1908719-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		50		21-120
Phenol-d6	50		43		10-120
Nitrobenzene-d5	70		63		23-120
2-Fluorobiphenyl	57		52		15-120
2,4,6-Tribromophenol	91		82		10-120
4-Terphenyl-d14	47		41		41-149

PCBS

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/24 17:01
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 04/14/24 12:56
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/24 17:10
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 04/14/24 12:56
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/15/24 10:37
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 04/14/24 03:15
Cleanup Method: EPA 3665A
Cleanup Date: 04/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1908435-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1908435-2 WG1908435-3									
Aroclor 1016	75		80		40-140	6		50	A
Aroclor 1260	71		77		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		75		30-150	A
Decachlorobiphenyl	87		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		75		30-150	B
Decachlorobiphenyl	80		87		30-150	B

PESTICIDES

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/19/24 09:50
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/18/24 19:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY

Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/19/24 10:02
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/18/24 19:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 246 GOLD ST **Lab Number:** L2420164

Project Number: 246 GOLD ST **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02 Date Collected: 04/12/24 10:00

Client ID: LSI-TW2 Date Received: 04/12/24

Sample Location: 246 GOLD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/24 08:06
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/18/24 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1909993-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/24 08:06
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/18/24 00:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1909993-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1909993-2 WG1909993-3									
Delta-BHC	81		78		30-150	3		20	A
Lindane	89		88		30-150	2		20	A
Alpha-BHC	92		91		30-150	1		20	A
Beta-BHC	102		99		30-150	3		20	A
Heptachlor	93		91		30-150	2		20	A
Aldrin	88		89		30-150	2		20	A
Heptachlor epoxide	91		89		30-150	3		20	A
Endrin	94		91		30-150	3		20	A
Endrin aldehyde	96		93		30-150	3		20	A
Endrin ketone	106		102		30-150	4		20	A
Dieldrin	101		99		30-150	2		20	A
4,4'-DDE	89		89		30-150	1		20	A
4,4'-DDD	101		98		30-150	3		20	A
4,4'-DDT	98		98		30-150	0		20	A
Endosulfan I	89		89		30-150	0		20	A
Endosulfan II	97		95		30-150	2		20	A
Endosulfan sulfate	91		92		30-150	0		20	A
Methoxychlor	125		120		30-150	4		20	A
cis-Chlordane	84		85		30-150	2		20	A
trans-Chlordane	98		97		30-150	1		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1909993-2 WG1909993-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	97		118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		89		30-150	B
Decachlorobiphenyl	116		109		30-150	B

METALS

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.422		mg/l	0.0100	0.00327	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00041	J	mg/l	0.00050	0.00016	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Barium, Total	0.08624		mg/l	0.00050	0.00017	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Calcium, Total	110.		mg/l	0.100	0.0394	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00115		mg/l	0.00100	0.00017	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00426		mg/l	0.00050	0.00016	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Copper, Total	0.00307		mg/l	0.00100	0.00038	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Iron, Total	0.808		mg/l	0.0500	0.0191	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Lead, Total	0.00055	J	mg/l	0.00100	0.00034	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Magnesium, Total	17.2		mg/l	0.0700	0.0242	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Manganese, Total	0.4911		mg/l	0.00100	0.00044	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/17/24 09:18	04/18/24 16:36	EPA 7470A	1,7470A	SMV
Nickel, Total	0.01311		mg/l	0.00200	0.00055	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Potassium, Total	20.3		mg/l	0.100	0.0309	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00216	J	mg/l	0.00500	0.00173	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Sodium, Total	38.4		mg/l	0.100	0.0293	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00382	J	mg/l	0.01000	0.00341	1	04/17/24 08:36	04/19/24 07:13	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0135		mg/l	0.0100	0.00327	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.08287		mg/l	0.00050	0.00017	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-01
Client ID: LSI-TW1
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 08:50
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	107.		mg/l	0.100	0.0394	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00383		mg/l	0.00050	0.00016	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00123		mg/l	0.00100	0.00038	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0346	J	mg/l	0.0500	0.0191	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	17.2		mg/l	0.0700	0.0242	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.4725		mg/l	0.00100	0.00044	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/16/24 21:06	04/18/24 20:25	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.01012		mg/l	0.00200	0.00055	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	20.0		mg/l	0.100	0.0309	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	0.00197	J	mg/l	0.00500	0.00173	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	39.1		mg/l	0.100	0.0293	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/16/24 21:40	04/18/24 18:22	EPA 3005A	1,6020B	NTB

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.31		mg/l	0.0100	0.00327	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00242		mg/l	0.00050	0.00016	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Barium, Total	0.1504		mg/l	0.00050	0.00017	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00033	J	mg/l	0.00050	0.00010	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00017	J	mg/l	0.00020	0.00005	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Calcium, Total	202.		mg/l	0.100	0.0394	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Chromium, Total	0.01169		mg/l	0.00100	0.00017	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00839		mg/l	0.00050	0.00016	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Copper, Total	0.01604		mg/l	0.00100	0.00038	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Iron, Total	9.32		mg/l	0.0500	0.0191	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Lead, Total	0.01005		mg/l	0.00100	0.00034	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Magnesium, Total	36.4		mg/l	0.0700	0.0242	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Manganese, Total	0.7786		mg/l	0.00100	0.00044	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/17/24 09:18	04/18/24 16:40	EPA 7470A	1,7470A	SMV
Nickel, Total	0.04080		mg/l	0.00200	0.00055	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Potassium, Total	20.5		mg/l	0.100	0.0309	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Selenium, Total	0.0124		mg/l	0.00500	0.00173	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Sodium, Total	121.		mg/l	0.100	0.0293	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00019	J	mg/l	0.00100	0.00014	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.01391		mg/l	0.00500	0.00157	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Zinc, Total	0.03562		mg/l	0.01000	0.00341	1	04/17/24 08:36	04/19/24 07:47	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0660		mg/l	0.0100	0.00327	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.08894		mg/l	0.00050	0.00017	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB

Project Name: 246 GOLD ST
Lab Number: L2420164
Project Number: 246 GOLD ST
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2420164-02
Client ID: LSI-TW2
Sample Location: 246 GOLD ST, BROOKLYN, NY
Date Collected: 04/12/24 10:00
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	203.		mg/l	0.100	0.0394	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00039	J	mg/l	0.00100	0.00017	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00466		mg/l	0.00050	0.00016	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00050	J	mg/l	0.00100	0.00038	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0990		mg/l	0.0500	0.0191	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	35.8		mg/l	0.0700	0.0242	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.6384		mg/l	0.00100	0.00044	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/16/24 21:06	04/18/24 20:28	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.01249		mg/l	0.00200	0.00055	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	20.5		mg/l	0.100	0.0309	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	0.0112		mg/l	0.00500	0.00173	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	133.		mg/l	0.100	0.0293	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/16/24 21:40	04/18/24 18:27	EPA 3005A	1,6020B	NTB

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1909192-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Antimony, Dissolved	0.00050	J	mg/l	0.00400	0.00042	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/16/24 21:40	04/17/24 05:29	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1909193-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/16/24 21:06	04/17/24 08:47	1,7470A	MJR

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1909286-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Sodium, Total	0.0390	J	mg/l	0.100	0.0293	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/17/24 08:36	04/17/24 16:59	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST
Lab Number: L2420164
Report Date: 04/19/24

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): 01-02 Batch: WG1909292-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/17/24 09:18	04/17/24 21:03	1,7470A	WKP

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909192-2								
Aluminum, Dissolved	100		-		80-120	-		
Antimony, Dissolved	81		-		80-120	-		
Arsenic, Dissolved	100		-		80-120	-		
Barium, Dissolved	102		-		80-120	-		
Beryllium, Dissolved	105		-		80-120	-		
Cadmium, Dissolved	101		-		80-120	-		
Calcium, Dissolved	103		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	102		-		80-120	-		
Copper, Dissolved	103		-		80-120	-		
Iron, Dissolved	108		-		80-120	-		
Lead, Dissolved	98		-		80-120	-		
Magnesium, Dissolved	104		-		80-120	-		
Manganese, Dissolved	102		-		80-120	-		
Nickel, Dissolved	104		-		80-120	-		
Potassium, Dissolved	101		-		80-120	-		
Selenium, Dissolved	98		-		80-120	-		
Silver, Dissolved	102		-		80-120	-		
Sodium, Dissolved	105		-		80-120	-		
Thallium, Dissolved	98		-		80-120	-		
Vanadium, Dissolved	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909192-2					
Zinc, Dissolved	106	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909193-2					
Mercury, Dissolved	80	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909286-2					
Aluminum, Total	92	-	80-120	-	
Antimony, Total	82	-	80-120	-	
Arsenic, Total	95	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	109	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	83	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	99	-	80-120	-	
Lead, Total	95	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	90	-	80-120	-	
Selenium, Total	103	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909286-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1909292-2					
Mercury, Total	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909192-3 QC Sample: L2420549-01 Client ID: MS Sample												
Aluminum, Dissolved	0.00980J	2	2.01	100		-	-		75-125	-		20
Antimony, Dissolved	0.00501	0.5	0.5065	100		-	-		75-125	-		20
Arsenic, Dissolved	0.00383	0.12	0.1283	104		-	-		75-125	-		20
Barium, Dissolved	0.05428	2	2.135	104		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05488	110		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05446	103		-	-		75-125	-		20
Calcium, Dissolved	99.9	10	112	121		-	-		75-125	-		20
Chromium, Dissolved	0.00021J	0.2	0.2036	102		-	-		75-125	-		20
Cobalt, Dissolved	0.00116	0.5	0.5174	103		-	-		75-125	-		20
Copper, Dissolved	0.00139	0.25	0.2681	107		-	-		75-125	-		20
Iron, Dissolved	0.0454J	1	1.11	111		-	-		75-125	-		20
Lead, Dissolved	0.00151	0.53	0.5521	104		-	-		75-125	-		20
Magnesium, Dissolved	44.9	10	56.2	113		-	-		75-125	-		20
Manganese, Dissolved	0.02933	0.5	0.5488	104		-	-		75-125	-		20
Nickel, Dissolved	0.00660	0.5	0.5267	104		-	-		75-125	-		20
Potassium, Dissolved	21.9	10	32.1	102		-	-		75-125	-		20
Selenium, Dissolved	0.00217J	0.12	0.130	108		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.05146	103		-	-		75-125	-		20
Sodium, Dissolved	240.	10	264	**240**	Q	-	-		75-125	-		20
Thallium, Dissolved	0.00014J	0.12	0.1238	103		-	-		75-125	-		20
Vanadium, Dissolved	0.00438J	0.5	0.5066	101		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909192-3 QC Sample: L2420549-01 Client ID: MS Sample									
Zinc, Dissolved	0.00680J	0.5	0.5304	106	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909193-3 QC Sample: L2419741-22 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00423	85	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

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): 01-02 QC Batch ID: WG1909286-3 WG1909286-4 QC Sample: L2420506-01 Client ID: MS Sample									
Aluminum, Total	0.0755	2	1.99	96	1.99	96	75-125	0	20
Antimony, Total	0.00052J	0.5	0.5165	103	0.5127	102	75-125	1	20
Arsenic, Total	0.00310	0.12	0.1206	98	0.1240	101	75-125	3	20
Barium, Total	0.07245	2	2.173	105	2.199	106	75-125	1	20
Beryllium, Total	ND	0.05	0.05583	112	0.05560	111	75-125	0	20
Cadmium, Total	ND	0.053	0.05660	107	0.05805	110	75-125	3	20
Calcium, Total	117.	10	126	90	126	90	75-125	0	20
Chromium, Total	0.00025J	0.2	0.2060	103	0.2040	102	75-125	1	20
Cobalt, Total	0.00125	0.5	0.5130	102	0.5195	104	75-125	1	20
Copper, Total	0.00178	0.25	0.2611	104	0.2657	106	75-125	2	20
Iron, Total	5.07	1	6.15	108	6.24	117	75-125	1	20
Lead, Total	ND	0.53	0.4981	94	0.5304	100	75-125	6	20
Magnesium, Total	33.4	10	44.5	111	43.8	104	75-125	2	20
Manganese, Total	1.858	0.5	2.325	93	2.291	87	75-125	1	20
Nickel, Total	0.06424	0.5	0.5825	104	0.5812	103	75-125	0	20
Potassium, Total	6.72	10	16.2	95	16.2	95	75-125	0	20
Selenium, Total	ND	0.12	0.116	97	0.123	102	75-125	6	20
Silver, Total	0.00050	0.05	0.05308	105	0.05443	108	75-125	3	20
Sodium, Total	31.2	10	42.6	114	42.3	111	75-125	1	20
Thallium, Total	0.00015J	0.12	0.1148	96	0.1212	101	75-125	5	20
Vanadium, Total	ND	0.5	0.5088	102	0.5099	102	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

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): 01-02 QC Batch ID: WG1909286-3 WG1909286-4 QC Sample: L2420506-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5222	104	0.5294	106	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909292-3 WG1909292-4 QC Sample: L2420506-01 Client ID: MS Sample									
Mercury, Total	0.00015J	0.005	0.00484	97	0.00480	96	75-125	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909192-4 QC Sample: L2420549-01 Client ID: DUP Sample						
Aluminum, Dissolved	0.00980J	0.00991J	mg/l	NC		20
Antimony, Dissolved	0.00501	0.00531	mg/l	6		20
Arsenic, Dissolved	0.00383	0.00365	mg/l	5		20
Barium, Dissolved	0.05428	0.05415	mg/l	0		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	99.9	100	mg/l	0		20
Chromium, Dissolved	0.00021J	0.00023J	mg/l	NC		20
Cobalt, Dissolved	0.00116	0.00114	mg/l	1		20
Copper, Dissolved	0.00139	0.00137	mg/l	1		20
Iron, Dissolved	0.0454J	0.0489J	mg/l	NC		20
Lead, Dissolved	0.00151	0.00150	mg/l	0		20
Magnesium, Dissolved	44.9	44.7	mg/l	0		20
Manganese, Dissolved	0.02933	0.02918	mg/l	1		20
Nickel, Dissolved	0.00660	0.00683	mg/l	3		20
Potassium, Dissolved	21.9	21.7	mg/l	1		20
Selenium, Dissolved	0.00217J	0.00222J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	240.	241	mg/l	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 246 GOLD ST

Project Number: 246 GOLD ST

Lab Number: L2420164

Report Date: 04/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909192-4 QC Sample: L2420549-01 Client ID: DUP Sample					
Thallium, Dissolved	0.00014J	0.00043J	mg/l	NC	20
Vanadium, Dissolved	0.00438J	0.00417J	mg/l	NC	20
Zinc, Dissolved	0.00680J	0.00619J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909193-4 QC Sample: L2419741-22 Client ID: DUP Sample					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2420164
Report Date: 04/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909192-6 QC Sample: L2420549-01 Client ID: DUP Sample						
Barium, Dissolved	0.05428	0.05743	mg/l	6		20
Calcium, Dissolved	99.9	113.	mg/l	13		20
Magnesium, Dissolved	44.9	48.8	mg/l	9		20
Manganese, Dissolved	0.02933	0.03373	mg/l	15		20
Potassium, Dissolved	21.9	23.7	mg/l	8		20
Sodium, Dissolved	240.	266.	mg/l	11		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1909286-6 QC Sample: L2420506-01 Client ID: DUP Sample						
Barium, Total	0.07245	0.07381	mg/l	2		20
Calcium, Total	117.	116.	mg/l	1		20
Iron, Total	5.07	5.12	mg/l	1		20
Magnesium, Total	33.4	33.0	mg/l	1		20
Manganese, Total	1.858	1.788	mg/l	4		20
Nickel, Total	0.06424	0.06752	mg/l	5		20
Potassium, Total	6.72	6.57	mg/l	2		20
Sodium, Total	31.2	31.6	mg/l	1		20

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420164-01A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2420164-01B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2420164-01C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2420164-01D	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2420164-01E	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2420164-01F	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2420164-01G	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2420164-01H	Plastic 250ml unpreserved	A	7	7	3.6	Y	Absent		-
L2420164-01I	Plastic 250ml HNO3 preserved	A	<2	<2	3.6	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2420164-01J	Amber 250ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2420164-01K	Amber 250ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2420164-01X	Plastic 120ml HNO3 preserved Extracts	A	N/A	N/A	3.6	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2420164-02A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2420164-02B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 246 GOLD ST
Project Number: 246 GOLD ST

Lab Number: L2420164
Report Date: 04/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420164-02C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2420164-02D	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2420164-02E	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2420164-02F	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2420164-02G	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2420164-02H	Plastic 250ml unpreserved	A	7	7	3.6	Y	Absent		-
L2420164-02I	Plastic 250ml HNO3 preserved	A	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2420164-02J	Amber 250ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2420164-02K	Amber 250ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2420164-02X	Plastic 120ml HNO3 preserved Extracts	A	N/A	N/A	3.6	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),NI-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2420164-03A	Vial HCl preserved	A	N/A	N/A	3.6	Y	Absent		NYTCL-8260(14)
L2420164-03B	Vial HCl preserved	A	N/A	N/A	3.6	Y	Absent		NYTCL-8260(14)

Container Comments

L2420164-02F received labeled with incorrect time / 12:00 vs. 10:00

*Values in parentheses indicate holding time in days

Project Name:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

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:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

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:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	246 GOLD ST	**Lab Number:**	L2420164
Project Number:	246 GOLD ST	**Report Date:**	04/19/24

REFERENCES

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

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

ALPHA

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

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

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

Page: 1 of 1

Date Rec'd in Lab: 4/13/24

ALPHA Job #: L2420164

Client Information
Client: Tenen Env LLC
Address: 121 W 27th St, NY, NY 10001
Phone:
Fax:
Email: mahmed@tenen-env.com

Project Information
Project Name: 246 Gold St
Project Location: 246 Gold St, Brooklyn, NY
Project #
(Use Project name as Project #) [X]
Project Manager: M. Ahmed
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[ ] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	PCBs + Pesticides	TAL Metals	Sample Specific Comments	Total Bottle
20164-01	LSI-TW1	4/12/24	0850	GW	HPL	X	X	X	X		4
02	LSI-TW2	4/12/24	1000	GW	HPL	X	X	X	X		11

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

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

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

Container Type	V	A	A	E					
Preservative	B	A	A	F					

Relinquished By:	Date/Time	Received By:	Date/Time
	4/12/24 1940		4/13/24 1214
Anthony Green	4/13/24 0100	Anthony Green	APR 12 2024 2100 4/13/24 0100
	4/13/24 0300		4/13/24 0300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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

ANALYTICAL REPORT

Lab Number:	L2422833
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	244-246 GOLD ST
Project Number:	244-246 GOLD ST
Report Date:	05/02/24

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).

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2422833
Report Date: 05/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2422833-01	LSI-SB-3 (0-2)	SOIL	BKLYN, NY	04/11/24 10:30	04/11/24

Project Name:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

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:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

Case Narrative (continued)

Report Submission

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

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 05/02/24

METALS

Project Name: 244-246 GOLD ST
Lab Number: L2422833
Project Number: 244-246 GOLD ST
Report Date: 05/02/24

SAMPLE RESULTS

Lab ID: L2422833-01
Client ID: LSI-SB-3 (0-2)
Sample Location: BKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 04/11/24 10:30
Date Received: 04/11/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 04/26/24 01:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Barium, TCLP	0.892		mg/l	0.500	0.0210	1	04/30/24 18:20	05/01/24 22:18	EPA 3015	1,6010D	DMC
Lead, TCLP	5.68		mg/l	0.500	0.0270	1	04/30/24 18:20	05/01/24 22:18	EPA 3015	1,6010D	DMC

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST
Lab Number: L2422833
Report Date: 05/02/24

Method Blank Analysis
Batch Quality Control

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: WG1915136-1										
Barium, TCLP	ND		mg/l	0.500	0.0210	1	04/30/24 18:20	05/01/24 21:39	1,6010D	DMC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	04/30/24 18:20	05/01/24 21:39	1,6010D	DMC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 04/24/24 04:20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2422833

Report Date: 05/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1915136-2								
Barium, TCLP	97		-		75-125	-		20
Lead, TCLP	95		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2422833
Report Date: 05/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1915136-3 QC Sample: L2422833-01 Client ID: LSI-SB-3 (0-2)												
Barium, TCLP	0.892	20	20.5	98		-	-		75-125	-		20
Lead, TCLP	5.68	5.3	10.8	97		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 244-246 GOLD ST

Project Number: 244-246 GOLD ST

Lab Number: L2422833

Report Date: 05/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1915136-4 QC Sample: L2422833-01 Client ID: LSI-SB-3 (0-2)						
Barium, TCLP	0.892	0.906	mg/l	2		20
Lead, TCLP	5.68	5.71	mg/l	1		20

Project Name: 244-246 GOLD ST
Project Number: 244-246 GOLD ST

Lab Number: L2422833
Report Date: 05/02/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2422833-01F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		-
L2422833-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.7	Y	Absent		BA-CI(180),PB-CI(180)
L2422833-01X9	Tumble Vessel	A	NA		4.7	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

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:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

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:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	244-246 GOLD ST	**Lab Number:**	L2422833
Project Number:	244-246 GOLD ST	**Report Date:**	05/02/24

REFERENCES

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

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.

ALPHA NEW YORK CHAIN OF CUSTODY

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

Page 1 of 1

Date Rec'd in Lab: 4/12/24

L2422833 WMC 4/25/24
ALPHA Job # [redacted]

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

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

Project Information

Project Name: 244-246 GOLD ST
Project Location: BKLYN, NY
Project # —
(Use Project name as Project #) ☒
Project Manager: M. AHMED/A. PLATT/V. CHANG
ALPHAQuote #: —

Client Information

Client: TENEN-ENVIRONMENTAL
Address: NEW YORK, NY
Phone: ~~718-864-6026 (TFC)~~
Fax:
Email: MAHMED/VCHANG@TENEN-ENV.COM

Turn-Around Time

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

Deliverables

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

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
ADD "LSI-" AS PREFIX TO SAMPLE ID/ CLOSE SDG.
*TCLP: BA & PB

Please specify Metals or TAL.
TAL METALS

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

ALPHA Lab ID (Lab Use Only)	Sample ID ("LSI-"SB...)	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: [redacted]	[redacted]	[redacted]	[redacted]	*				Sample Specific Comments	Total Bottles
[redacted]	SB-1 (1-3)	4/11/2024	1000	SOIL	VC	X	X	X	X					VOC grab @ 2'	
[redacted]	SB-2 (~~3-5~~)(3-5)	↓	1100	↓	↓	X	X	X	X					VOC grab @ 3.5'	
L2422833-01 [redacted]	SB-3 (0-2)	↓	1030	↓	↓	X	X	X	X	X				VOC grab @ 1.5'	
[redacted]	SB-4 (~~5-7~~)(5-7)	↓	1200	↓	↓	X	X	X	X					VOC grab @ 6'	
[redacted]	TRIP BLANK	↓	→	AQ	LAB	X									

Preservative Code:	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

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

Container Type	E	A	A	A
Preservative	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	4/11/2024 @ 13:30	MPZW	4/11 13:30
MPZW	4/11 2045	Anthony Green	APR 11 2024 2045
Anthony Green	4/12/24 0030	[signature]	4/12/24 0030
[signature]	4/12/24 0240	[signature]	4/12/24 0240

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

PHOENIX
Environmental Laboratories, Inc.

Friday, May 10, 2024

Attn: Victory Chang
Tenen Environmental
121 West 27th Street Suite 1004
New York, NY 10001

Project ID: 246 GOLD ST.
SDG ID: GCQ50614
Sample ID#s: CQ50614 - CQ50615

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client:

Project: 246 GOLD ST.

Laboratory Project: GCQ50614

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

May 10, 2024

SDG I.D.: GCQ50614

246 GOLD ST.

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

May 10, 2024

SDG I.D.: GCQ50614

246 GOLD ST.

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CQ50614	Volatiles (TO15)	04/12/24	04/13/24	04/13/24	KCA	Y
CQ50615	Volatiles (TO15)	04/12/24	04/13/24	04/13/24	KCA	Y

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

May 10, 2024

SDG I.D.: GCQ50614

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

May 10, 2024

SDG I.D.: GCQ50614

Project ID: 246 GOLD ST.

Client Id	Lab Id	Matrix
LSI-SV-2	CQ50614	AIR
LSI-SV-1	CQ50615	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 10, 2024

FOR: Attn: Victory Chang
Tenen Environmental
121 West 27th Street Suite 1004
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HPL	04/12/24	9:46
Location Code:	TENEN	Received by:	CP	04/12/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49237				

Laboratory Data

SDG ID: GCQ50614
Phoenix ID: CQ50614

Project ID: 246 GOLD ST.
Client ID: LSI-SV-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/15/24	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/15/24	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2,4-Trimethylbenzene	0.257	*0.204*	0.204	1.26	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/15/24	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/15/24	KCA	1	
1,3-Butadiene	3.91	*0.452*	0.452	8.64	*1.00*	1.00	04/15/24	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/15/24	KCA	1	1
4-Ethyltoluene	0.352	*0.204*	0.204	1.73	*1.00*	1.00	04/15/24	KCA	1	1
4-Isopropyltoluene	0.241	*0.182*	0.182	1.32	*1.00*	1.00	04/15/24	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/15/24	KCA	1	
Acetone	150	*2.11*	2.11	356	*5.01*	5.01	04/13/24	KCA	5	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/15/24	KCA	1	
Benzene	0.589	*0.313*	0.313	1.88	*1.00*	1.00	04/15/24	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/15/24	KCA	1	

Project ID: 246 GOLD ST.
Client ID: LSI-SV-2

Phoenix I.D.: CQ50614

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/15/24	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/15/24	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/15/24	KCA	1	
Carbon Disulfide	2.27	*0.321*	0.321	7.06	*1.00*	1.00	04/15/24	KCA	1	
Carbon Tetrachloride	ND	*0.032*	0.032	ND	*0.20*	0.20	04/15/24	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/15/24	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/15/24	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/15/24	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/15/24	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/15/24	KCA	1	
Dichlorodifluoromethane	1.19	*0.202*	0.202	5.88	*1.00*	1.00	04/15/24	KCA	1	
Ethanol	9.95	*0.531*	0.531	18.7	*1.00*	1.00	04/15/24	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	1
Ethylbenzene	0.581	*0.230*	0.230	2.52	*1.00*	1.00	04/15/24	KCA	1	
Heptane	0.889	*0.244*	0.244	3.64	*1.00*	1.00	04/15/24	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/15/24	KCA	1	
Hexane	1.96	*0.284*	0.284	6.90	*1.00*	1.00	04/15/24	KCA	1	
Isooctane	0.568	*0.215*	0.215	2.65	*1.00*	1.00	04/15/24	KCA	1	
Isopropylalcohol	2.14	*0.407*	0.407	5.26	*1.00*	1.00	04/15/24	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/15/24	KCA	1	
m,p-Xylene	1.68	*0.230*	0.230	7.29	*1.00*	1.00	04/15/24	KCA	1	
Methyl Ethyl Ketone	1.33	*0.339*	0.339	3.92	*1.00*	1.00	04/15/24	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/15/24	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	04/15/24	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/15/24	KCA	1	1
o-Xylene	0.692	*0.230*	0.230	3.00	*1.00*	1.00	04/15/24	KCA	1	
Propylene	42.3	*2.91*	2.91	72.8	*5.01*	5.01	04/13/24	KCA	5	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/15/24	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/15/24	KCA	1	
Tetrachloroethene	2.39	*0.037*	0.037	16.2	*0.25*	0.25	04/15/24	KCA	1	
Tetrahydrofuran	0.925	*0.339*	0.339	2.73	*1.00*	1.00	04/15/24	KCA	1	1
Toluene	8.65	*0.266*	0.266	32.6	*1.00*	1.00	04/15/24	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/15/24	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/15/24	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/15/24	KCA	1	
Trichlorofluoromethane	1.38	*0.178*	0.178	7.75	*1.00*	1.00	04/15/24	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/15/24	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/15/24	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	92	*%*	%	92	*%*	%	04/15/24	KCA	1	
% IS-1,4-Difluorobenzene	104	*%*	%	104	*%*	%	04/15/24	KCA	1	
% IS-Bromochloromethane	101	*%*	%	101	*%*	%	04/15/24	KCA	1	
% IS-Chlorobenzene-d5	120	*%*	%	120	*%*	%	04/15/24	KCA	1	
% Bromofluorobenzene (5x)	100	*%*	%	100	*%*	%	04/13/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	95	*%*	%	95	*%*	%	04/13/24	KCA	5	

Project ID: 246 GOLD ST.
Client ID: LSI-SV-2

Phoenix I.D.: CQ50614

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (5x)	95	%	%	95	%	%	04/13/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	104	%	%	104	%	%	04/13/24	KCA	5

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

May 10, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 10, 2024

FOR: Attn: Victory Chang
Tenen Environmental
121 West 27th Street Suite 1004
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HPL	04/12/24	11:29
Location Code:	TENEN	Received by:	CP	04/12/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49240				

Laboratory Data

SDG ID: GCQ50614
Phoenix ID: CQ50615

Project ID: 246 GOLD ST.
Client ID: LSI-SV-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/15/24	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/15/24	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/15/24	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2,4-Trimethylbenzene	0.326	*0.204*	0.204	1.60	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/15/24	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/15/24	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/15/24	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/15/24	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/15/24	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/15/24	KCA	1	1
4-Ethyltoluene	0.436	*0.204*	0.204	2.14	*1.00*	1.00	04/15/24	KCA	1	1
4-Isopropyltoluene	0.202	*0.182*	0.182	1.11	*1.00*	1.00	04/15/24	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.247	*0.244*	0.244	1.01	*1.00*	1.00	04/15/24	KCA	1	
Acetone	72.5	*2.11*	2.11	172	*5.01*	5.01	04/13/24	KCA	5	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/15/24	KCA	1	
Benzene	0.708	*0.313*	0.313	2.26	*1.00*	1.00	04/15/24	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/15/24	KCA	1	

Project ID: 246 GOLD ST.
Client ID: LSI-SV-1

Phoenix I.D.: CQ50615

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/15/24	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/15/24	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/15/24	KCA	1	
Carbon Disulfide	2.65	*0.321*	0.321	8.25	*1.00*	1.00	04/15/24	KCA	1	
Carbon Tetrachloride	0.043	*0.032*	0.032	0.27	*0.20*	0.20	04/15/24	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/15/24	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/15/24	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/15/24	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/15/24	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/15/24	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/15/24	KCA	1	
Dichlorodifluoromethane	1.15	*0.202*	0.202	5.68	*1.00*	1.00	04/15/24	KCA	1	
Ethanol	31.0	*0.531*	0.531	58.4	*1.00*	1.00	04/15/24	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	1
Ethylbenzene	0.726	*0.230*	0.230	3.15	*1.00*	1.00	04/15/24	KCA	1	
Heptane	1.29	*0.244*	0.244	5.28	*1.00*	1.00	04/15/24	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/15/24	KCA	1	
Hexane	2.71	*0.284*	0.284	9.5	*1.00*	1.00	04/15/24	KCA	1	
Isooctane	0.652	*0.215*	0.215	3.04	*1.00*	1.00	04/15/24	KCA	1	
Isopropylalcohol	7.05	*0.407*	0.407	17.3	*1.00*	1.00	04/15/24	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/15/24	KCA	1	
m,p-Xylene	2.13	*0.230*	0.230	9.24	*1.00*	1.00	04/15/24	KCA	1	
Methyl Ethyl Ketone	1.96	*0.339*	0.339	5.78	*1.00*	1.00	04/15/24	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/15/24	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/15/24	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	04/15/24	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/15/24	KCA	1	1
o-Xylene	0.807	*0.230*	0.230	3.50	*1.00*	1.00	04/15/24	KCA	1	
Propylene	10.5	*0.581*	0.581	18.1	*1.00*	1.00	04/15/24	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/15/24	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/15/24	KCA	1	
Tetrachloroethene	1.27	*0.037*	0.037	8.61	*0.25*	0.25	04/15/24	KCA	1	
Tetrahydrofuran	1.48	*0.339*	0.339	4.36	*1.00*	1.00	04/15/24	KCA	1	1
Toluene	12.5	*0.266*	0.266	47.1	*1.00*	1.00	04/15/24	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/15/24	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/15/24	KCA	1	
Trichloroethene	0.098	*0.037*	0.037	0.53	*0.20*	0.20	04/15/24	KCA	1	
Trichlorofluoromethane	2.35	*0.178*	0.178	13.2	*1.00*	1.00	04/15/24	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/15/24	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/15/24	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	89	*%*	%	89	*%*	%	04/15/24	KCA	1	
% IS-1,4-Difluorobenzene	109	*%*	%	109	*%*	%	04/15/24	KCA	1	
% IS-Bromochloromethane	107	*%*	%	107	*%*	%	04/15/24	KCA	1	
% IS-Chlorobenzene-d5	132	*%*	%	132	*%*	%	04/15/24	KCA	1	
% Bromofluorobenzene (5x)	99	*%*	%	99	*%*	%	04/13/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	88	*%*	%	88	*%*	%	04/13/24	KCA	5	

Ver 2

Project ID: 246 GOLD ST.
Client ID: LSI-SV-1

Phoenix I.D.: CQ50615

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (5x)	89	%	%	89	%	%	04/13/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	99	%	%	99	%	%	04/13/24	KCA	5

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

May 10, 2024

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

May 10, 2024

FOR: Attn: Victory Chang
Tenen Environmental
121 West 27th Street Suite 1004
New York, NY 10001

Location Code: TENEN

SDG I.D.: GCQ50614

Project ID: 246 GOLD ST.

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
LSI-SV-2	CQ50614	49237	6.0L	6974	04/09/24	-30	-3.5	45	45	0.0	-29	-4	04/12/24 07:47	04/12/24 09:46
LSI-SV-1	CQ50615	49240	6.0L	10549	04/09/24	-30	-8	45	44	2.2	-29	-8	04/12/24 07:49	04/12/24 11:29

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 10, 2024

QA/QC Data

SDG I.D.: GCQ50614

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 726743 (ppbv), QC Sample No: CQ50000 (CQ50614 (5X) , CQ50615 (5X))												
Volatiles												
Acetone	ND	0.375	ND	0.89	89	11.4	12.0	4.82	5.07	5.1	70 - 130	25
Propylene	ND	0.250	ND	0.43	95	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	101	102	101	102	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	102	99	95	99	95	NC	60 - 140	25
% IS-Bromochloromethane	103	%	103	%	100	98	95	98	95	NC	60 - 140	25
% IS-Chlorobenzene-d5	104	%	104	%	109	103	100	103	100	NC	60 - 140	25
QA/QC Batch 726996 (ppbv), QC Sample No: CQ50614 (CQ50614, CQ50615)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	65	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	96	1.26	1.32	0.257	0.269	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	102	8.64	9.46	3.91	4.28	9.0	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	96	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	103	2.65	2.69	0.568	0.578	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	104	1.73	1.74	0.352	0.354	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	92	1.32	1.32	0.241	0.240	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	100	1.88	1.93	0.589	0.603	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	103	7.06	7.65	2.27	2.46	8.0	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	100	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCQ50614

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Chloroform	ND	0.200	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	93	ND	3.39	ND	0.986	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	103	5.88	6.77	1.19	1.37	14.1	70 - 130	25
Ethanol	ND	0.530	ND	1.00	73	18.6	21.3	9.9	11.3	13.2	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	2.52	2.63	0.581	0.605	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	103	3.64	3.70	0.889	0.904	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	106	6.90	7.26	1.96	2.06	5.0	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	83	5.26	5.90	2.14	2.40	11.5	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	109	7.29	7.46	1.68	1.72	2.4	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	105	3.92	4.13	1.33	1.40	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	97	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	62	ND	ND	ND	ND	NC	70 - 130	25 I
n-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	107	3.00	3.06	0.692	0.704	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	101	70.0	75.5	40.7	43.9	7.6	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	101	16.2	17.2	2.39	2.54	6.1	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	101	2.73	2.75	0.925	0.932	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	105	32.6	34.0	8.65	9.02	4.2	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	102	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	96	7.75	8.42	1.38	1.50	8.3	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	99	92	92	92	92	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%	104	104	101	104	101	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	100	101	99	101	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	103	%	103	%	111	120	120	120	120	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
May 10, 2024

Friday, May 10, 2024

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCQ50614 - TENEN

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CQ50614	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	2.39	0.037	0.443	0.443	ppbv
CQ50615	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.098	0.037	0.037	0.037	ppbv
CQ50615	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.27	0.037	0.443	0.443	ppbv
CQ50615	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.043	0.032	0.032	0.032	ppbv

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

TENEN

860-645-1102
email: greg@phoenixlabs.com

P.O. # Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: mahmed@tenen-env.com
☐ Phone #:

Report to:	Victory Chang	Project Name: 246 Gold St.	Data Format: (Circle) Equis Excel Other:
Customer:	Tenen Environmental	Invoice to: Tenen Env LLC	Requested Deliverable: RCP (ASP CAT B)
Address:	121 West 27th Street Suite 1004		ASP B MCP NJ Deliverables
15773	New York, NY 10001	Sampled by: HP Lau.	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
~~30414~~	LSI - SV-2 50614	49237	6.0L	-30	-3.5	6974	45	0747	0946	4/12/24	-29	-4		X		X	
~~30415~~	LSI - SV-1 50615	49240	6.0L	-30	-8	10549	45	0749	1129	4/12/24	-29	-8		X		X	
	* NOT USE	11292	6.0L	-30		10682	44										

Relinquished by:	Accepted by:	Date:	Time:
		4/12/24	1129
		4/12/24	1305

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(3) - 6.0L 2 hr , 4ft Tubing, 2 Connectors

* Recd unused (SR).

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	**Indoor Air:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial
TAC RES					**Sub-slab** Residential Industrial
SVVC I/C	**Soil Gas:** Residential Ind/Commercial	**Soil Gas:** Residential Ind/Commercial			
SVVC RES					
GWV I/C					
GWV CES					